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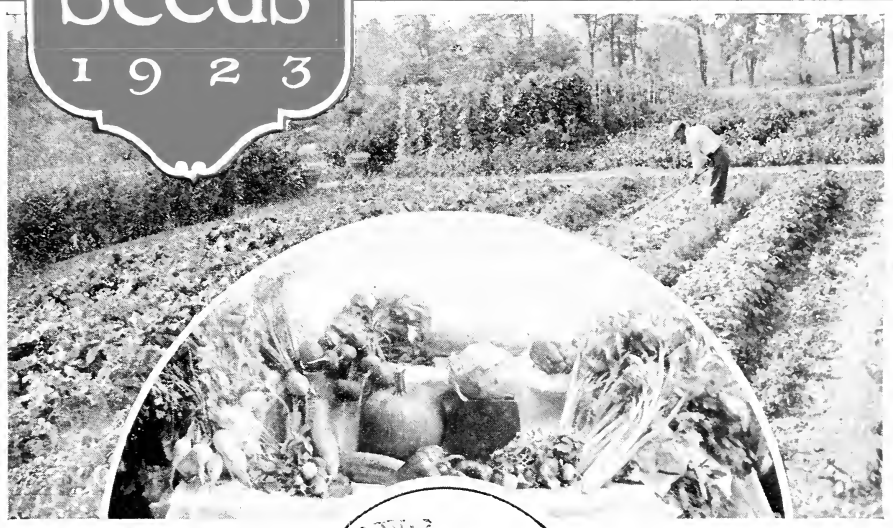
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U.S. Department of Agriculture

Garden  
Flower  
& Field  
Seeds  
1923

*Cultural Suggestions  
and Price List*



The Pioneer-Haines  
Seed Co.

1204 FIFTEENTH ST. DENVER, COLORADO.



**RUFUS BROWN, President**

We come before the seed buying public again with our 1923 catalog and planters' guide. We are confident the seeds we have to offer this year come up to our usual standard of excellence; in fact, since our practice is always to buy the best and from the most reliable growers, we can offer them with confidence in their quality. As for the growing qualities we test all our seeds in one of the latest and most approved seed testers and are assured of satisfactory germination before they leave our possession.

Our long experience is at the service of our customers and we want you to feel free to write about any matters of which you may be in doubt. We are always glad to give advice, offer suggestions or assist our customers in any way possible.

We know that the great saving resulting from growing your own vegetables will result in many people continuing to plant liberally. The object lessons of the past few years, the experience gained and the great saving in living expenses is surely sufficient to cause more people than ever taking

up the spade and the hoe. This is not only profitable, but the outdoor, healthful exercise should be a real diversion for those who happen to be shut up in an office or store all day. It will be a continued service to our country to continue the gardening efforts and will also reduce materially the cost of living.

We urge our customers to order early and thus get supplied from original stocks and we naturally will have more time to pack and properly prepare the goods for shipment.

Ours is an old established house. We offer no apologies for soliciting your business. Fair treatment and good seeds have always been our aim and satisfied customers our best advertisement.

If you only want a 5c package of seeds your order will receive the same care as if for \$50.00 worth or more. We are prepared to take care of your orders and will appreciate the patronage should your requirements be great or small.

With best wishes for success in 1923.

## **THE PIONEER-HAINES SEED COMPANY**

### **FIFTY-EIGHT YEARS OF PRACTICAL SEED EXPERIENCE**

This seed store was established by the late Hon. Henry Lee in the year 1865—58 years ago. The present manager, Mr. Rufus Brown, commenced to work for Mr. Lee in 1893—30 years ago—and has been continually in the business since then.



# ANNUAL CATALOGUE

**OUR PURPOSE:** To have the best of everything; to send out a neat, attractive catalogue with truthful illustrations and descriptions; to be prompt; to be courteous; to be satisfied with small profits; to be honorable in our dealings, and to treat every customer so that he will want to order again. In short, to treat him as we would like to be treated.

**OUR TERMS ARE CASH WITH ORDER.** Send Postoffice or Express Money Order, Postal Note, Bank Draft, or Registered Letter. Small amounts may be in postage stamps.

**C. O. D.** We will send goods C. O. D. where one-third the amount of the bill accompanies the order. No plants or perishable goods will be sent C. O. D.

**HOW TO ORDER.** Always write your name, postoffice, state and express office plainly and if possible use the order sheet. Always carry out the price of each item, and keep a copy of your order.

**CUSTOMERS TO PAY FREIGHT OR EXPRESS** on all goods unless they are offered postpaid.

**NO CHARGE FOR PACKING OR PACKAGES.** Everything will be securely packed and labeled and delivered free at the freight, Express or Postoffice, without extra charge for packages, except for a few items like clover seed, where bags are extra, as noted in the catalogue.

**PREPAID STATIONS.** If there is no agent at your railroad station the freight has to be prepaid, and in such cases we must request you to send money order to cover amount.

**ORDER EARLY.** Do this for two reasons. We can give your order more careful and prompt attention if received before we get into the rush of the spring shipping, and our assortment is complete then and we will not have to write for permission to substitute for varieties sold out.

## SEEDS BY PARCEL POST

**SEEDS BY PARCEL POST:**—Parcel Post rulings make it possible to transport large orders of seed by Parcel Post. We believe it advisable to have your seeds come by Parcel Post when possible. Packages weighing 70 pounds can be sent into the 1st, 2nd, and 3rd zones and 50 pounds is the weight limit to the farther zones.

Please remember that even though your package weighs only a fraction of an ounce over one pound, you must pay postage on a full extra pound. In remitting to cover postage, enough must be sent to cover the postage on packing, etc. If your package weighs more than one pound and less than ten pounds, figure one pound extra for packing. If the package weighs ten pounds or more, remit for two pounds of packing. We pay the charges on all items marked postpaid or prepaid.

### THE RATES OF POSTAGE ARE AS FOLLOWS]

1st and 2nd zone, 5c for the first pound and 1c for each additional pound.

3rd zone, 6c for the first pound and 2c for each additional pound.

4th zone, 7c for the first pound and 4c for each additional pound.

5th zone, 8c for the first pound and 6c for each additional pound.

6th zone, 9c for the first pound and 8c for each additional pound.

7th zone, 11c for the first pound and 10c for each additional pound.

8th zone, 12c for the first pound and 12c for each additional pound.

Packages must not be greater in size than 84 inches in length and girth combined.

Packages may be insured against loss, rifling and irreparable damage upon payment of a fee of 3 cents for value not exceeding \$5.00, or 5 cents for value not exceeding \$25.00, or 25 cents for value not exceeding \$100.00, for each package in addition to the postage.

For a fee of 1 cent for each package, a receipt will be issued. This fee does not insure the package against loss.

If you desire your packages insured, or receipted for, send the insurance or receipt fee, in addition to the amount you send to pay for the goods and shipping charges—and be sure to mention same on your order.

Liquids, poisons and bad odor articles cannot be mailed.

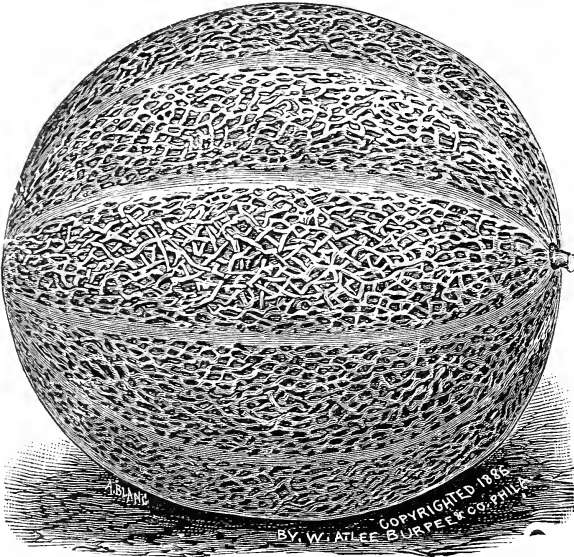
## THE PIONEER-HAINES SEED COMPANY

1204 FIFTEENTH STREET, DENVER, COLORADO

# SPECIALTIES AND NOVELTIES

## Muskmelons

**Pollock No. 10-25 Salmon Tint**



The latest and by all odds the most successful of any introduction. A selection from the Pollock 25 Salmon Tint. It is the most profitable melon now known. So uniformly good that all melons grown are salable, thus making it popular with the grower. It packs well and carries well, arrives in the best of condition and outsells all others. **Pkt. 10c, oz. 15c, ¼ lb. 50c.**

## Gold Lined Rocky Ford

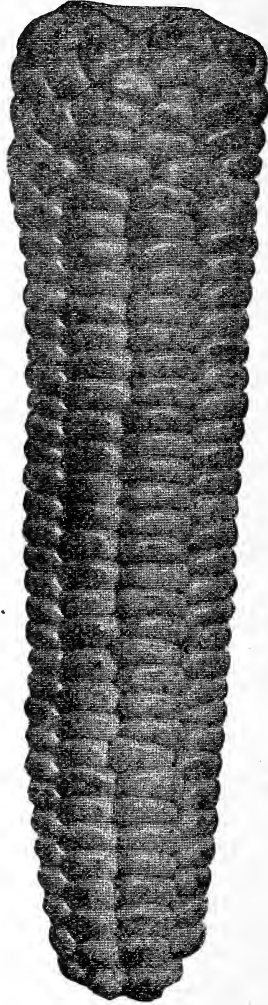
This new melon is the result of several years of careful selection by one of Rocky Ford's most progressive growers. The shape is ideal, being slightly oval, has no ribs, and is heavily netted over the entire surface. The melon is thick meated from end to end, fine grained and sweet. Color green, with a gold margin or lining next to the seed cavity. Very attractive, both as to outward appearance and when cut. **Pkt. 10c, oz. 15c; ¼ lb. 50c; 1b. \$1.50.**

## Delue's New Golden Giant

### New Golden Sweet Corn

Several new Golden Sweet Corns are now on the market in competition with the original sort Golden Bantam. In our opinion none of them are destined to supersede the good old Bantam, excepting the **New Golden Giant** we now offer. Our new corn is just about double in size, while it is more productive in average number of ears per stalk and the quality is delicious. We urge all who like Golden Bantam to give the **New Golden Giant** a trial as it excels in size, productiveness and is fully equal in quality and earliness. **Price, 4 oz. pkg., 25c; postpaid.**

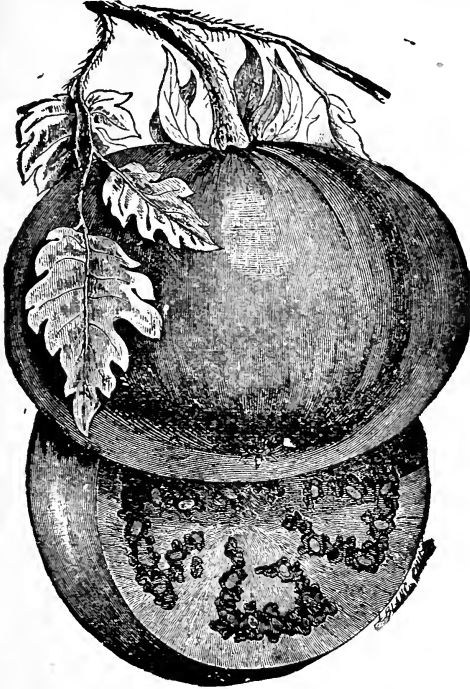
## Bantam Evergreen Sweet Corn



By far the finest Sweet Corn ever produced. Has the sweetness of the Golden Bantam combined with the larger cobs of the Evergreen. Matures after Golden Bantam. Try it this year and you will always want it.

A cross between Golden Bantam and Stowell's Evergreen and a most excellent sort of superior quality. Grain rather broad and deep, and of a rich golden yellow color. **Pkt. 5c; ¼ lb. 20c; 1b. 35c.**

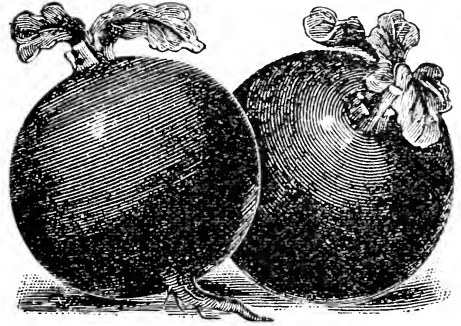
## New Tomato, John Baer



This is a fine, smooth, Tomato, of medium size, bright scarlet in color, almost globular in shape, slightly flattened at the stem and blossom

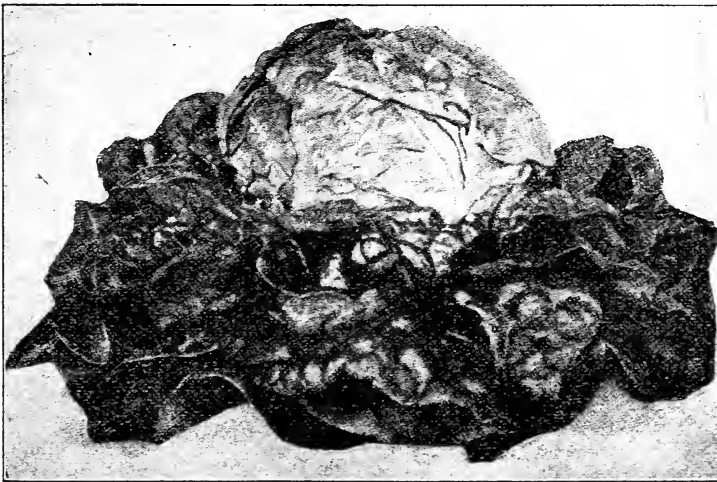
ends. The fruit is very solid and the seed-cavities medium small. It has proved to be a very prolific Tomato and quite early. In earliness it is noticeably ahead of the early varieties, Bonny Best and Chalk's Early Jewel and is somewhat similar to them in general characteristics. For abundance of crop it is one of the most prolific. It is a grand all-round Tomato and we recommend it highly. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50; lb. \$5.00.

## Vick's Scarlet Globe Radish



This grand radish has established a good reputation as a forcing sort. Its peculiarity is that it will bear the heat requisite for forcing without becoming pithy in character or suffering injury to its flavor. Its attractive shape is shown in the illustration. Its color is a rich scarlet. It has a small top and is a high-bred radish. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10.

## New York Lettuce



The king of main crop head lettuces. Immense heads as solid as a cabbage. Blanches beautifully; crisp, tender and free from bitterness. It produces immense heads, often 15 and 16 inches across and weighing enormously. The interior is beautifully blanched, creamy white, crisp, tender, and delicious, being absolutely free from any trace of bitterness. It is a very large, robust growing variety, rooting

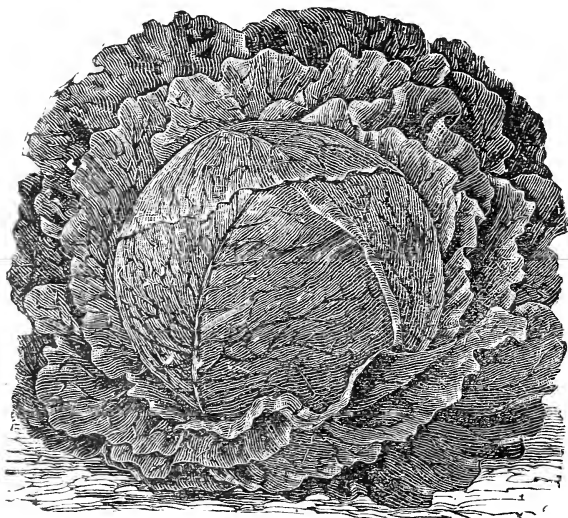
deeply, resisting hot, dry weather, very slow to run to seed, and a sure header under most trying conditions. The outer color is of a distinct apple green. As a standard main summer crop, hot weather lettuce, it is in every way desirable, and has no equal, but it is not recommended for forcing. Price, pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.75.



## Richard Seddon Peas

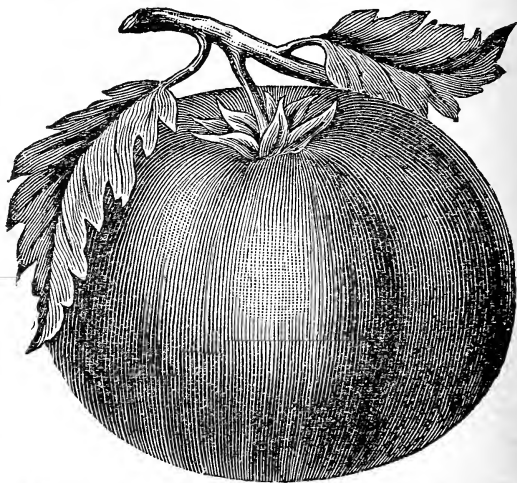
18 inches. A variety of exceptional merit. In season about the same time as American Wonder. The vines and pods of Richard Seddon peas are dark green in color. The latter are well filled with large, sweet peas of finest flavor. It has proven a sure cropper and is sure to meet with universal favor. This was one of our best sellers prior to the war. Have been unable to get the seed for past two years, but a shipment has just arrived from New Zealand and we are fortunate in being able to supply this grand pea again. **Pkt., 10c; ½ lb., 20c; lb., 40c.**

## Red Danish Stonehead Cabbage



This cabbage is almost identical in every respect with Danish Ballhead except in its color. The head is very solid and the rich red color extends farther into the center of the head. True seed of this variety is difficult to obtain and in price outclasses all others. However, the quality of the cabbage far more than evens up the difference in price. **Pkt., 10c; oz., 50c; ¼ lb., \$1.75.**

## Early Detroit Tomato



After growing this Tomato for several years, we are convinced that it is the best early variety for home use and also valuable for the market gardener. The vines make a strong and vigorous growth, and fruits set and ripen early, continuing to do so throughout the entire season. The size is medium to large, shape nearly round, perfectly smooth and skin purplish pink. The fruits are very solid and seldom crack, and vines are remarkably free from attacks of blight, thus making it the most desirable early Tomato introduced in recent years and the best of the early purplish-pink sorts. **Pkt., 10c; oz., 45c; ¼ lb., \$1.25.**

## Kentucky Wonder Wax Pole Bean



A yellow podded "Kentucky Wonder," which bears a large quantity of rich, golden yellow pods from the time the plant is about half grown until it is killed by frost in the fall. The plant makes a quick, healthy growth, and, like the "Kentucky Wonder," it is exceedingly productive, bearing large pods which are thick, meaty, stringless, very tender, and have a fine flavor when cooked. This variety is bound to gain in favor, both for the home garden and for market. **Pkt., 5c; ½ lb., 25c; lb., 45c.**

## Pimiento Pepper

This is the sweetest pepper grown, as it does not contain the slightest trace of fieriness. The plants are extremely productive, and Peppers are medium in size and of a shape which is desirable for filling, and when prepared in this manner they are delicious. It may also be used in preparing salads and for flavoring, in which case it will add a fresh and delightful flavor. The flesh is quite thick, and the Pepper may be scalded for peeling off the skin. When fully ripe the Peppers are of a brilliant red color and very attractive. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50.**

## Peter Pan Peas



### The Best Large Podded Dwarf Extra Early Pea

This splendid new pea of the Laxtonian type is considered the best of its class in point of earliness, productiveness and size of pod. The dark green, sturdy vines grow 15 to 18 inches in height, and are wonderfully productive of handsome, large, dark green, pointed pods, which measure 4 to 4½ inches in length, and contain nine to ten deep bluish-green, sweet wrinkled peas of the highest quality. Peter Pan matures a trifle earlier than Gradus, with a pod equally large. **Pkt., 5c; ½ lb., 25c; lb., 45c.**

## Golden Beauty Casaba

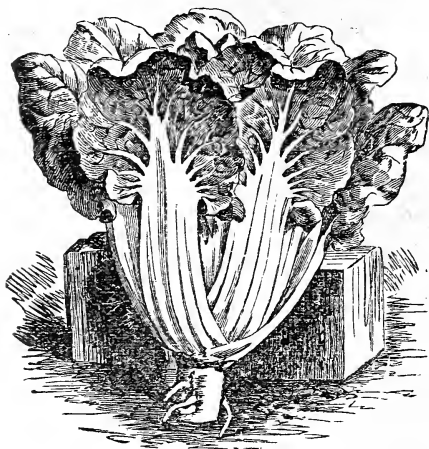
Early fruits that ripen continuously from July on till frost comes. The later fruits can be stored in a cool house or cellar and will ripen slowly, so that they can be marketed from time to time until late in January. Golden Beauty is bright yellow, about globular, with wrinkled skin, slightly pointed at the stem end. The fruits are about six to eight inches in diameter. The flesh is pure white and very thick. **Pkt., 10c; oz. 20c; ¼ lb., 60c; lb., \$1.75.**

## Peach or Garden Lemon

The fruit is about the size of a large peach, oval-shaped and of a bright orange yellow color, somewhat russeted. When it first ripens it is quite hard and has very little flavor, but they soon become mellow, not sweet, and have a rich flavor, but for sweet pickles, pies or preserves, they are superb. **Pkt., 10c; oz., 15c; ¼ lb., 45c.**



## Giant Lucullus Swiss Chard



The Swiss Chard or Spinach Beet, is prepared for the table in the same manner as Spinach; sometimes, however, the midrib is prepared like Asparagus, with drawn butter. Seed planted early in the spring will quickly produce plants from which cuttings may be made all summer as you can cut right down to the ground, and new shoots will soon spring up and make a fast growth, while those plants which are allowed to grow on without any cutting will make large curly leaves, with thick, light colored midribs which are delicious when cooked and served like Asparagus. "Giant Lucullus" is the largest and best variety of Swiss Chard, and you should not fail to plant at least one long row in your garden this spring. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

## Honey Dew Muskmelon

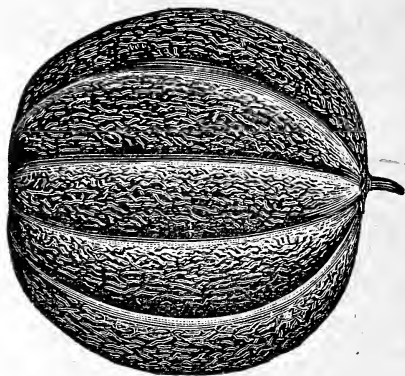
A Delicious New Melon

Its name has been well chosen, as it is about as sweet as honey. The average size is about six inches in diameter, and they weigh five to six pounds. The skin is smooth with little netting, and of creamy yellow when ripe. The flesh is a beautiful green next to the outside rind shading to a light green at the center. It is very thick, melting, fine grained, and can be eaten almost to the rind and the seed cavity is quite small. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

## Lemon Cucumber

A cucumber which you can eat fresh from the garden like a radish is a novelty. Lemon Cucumbers are little, round, and delicious. They are eaten just that way. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

## Greeley Wonder Melon



The most delicious melon we've ever eaten.

The Greeley Wonder Melon was originated by one of our growers in Greeley, Colorado. The melon is of large size, round but slightly flattened at the ends.

The flesh is of light orange color, very, very thick, but it is the taste that makes the hit. The Greeley Wonder is simply delicious and you have to taste it yourself to appreciate it.

The melons will weigh up to ten and twelve pounds and are borne in goodly quantities. A peculiar feature of the Greeley Wonder is that when the melons are ripe they break from the stem.

Be sure you try the Greeley Wonder. Pkt. 10c; oz., 30;  $\frac{1}{4}$  lb., \$1.00.

## Fancy Sweet Peas

Sweet Peas are among the most beautiful of all our hardy annuals. Select a sunny, open place, several feet from any building, or close fence, and as far as possible from large trees. Sow as early in the spring as possible. Plant in double rows 6 inches apart and 4 inches deep, 1 oz. to 4 feet of double row. Furnish support early. In dry weather water freely and keep the flowers picked closely. If you allow them to produce seed pods the plants will soon stop flowering.

## PIONEER LARGE FLOWERING ORCHID VARIETIES

**Helen Lewis Spencer.** Standard Crimson Orange, wings orange rose.

**King Edward VII Spencer.** Bright scarlet; very large flowers of open form.

**White Spencer.** A pure wavy white of enormous size, long stems.

**Royal Purple.** Rich, royal purple. A distinct new color; immense size.

**Brilliant Blue Spencer.** Very large blue flower of finest form.

**Countess Spencer.** A lovely clear pink, deeper at the edges, the original of this type of sweet peas.

**Florence Morse Spencer.** Delicate blush with pink edge. Charming flower.

**Mrs. Routzan Spencer.** Soft chamois pink, beautiful shade, charming.

**Phenomenal Spencer.** White, shaded and edged with lilac. Very large.

**Princess Alice Spencer.** Light, rosy mauve, large sized flower.

**E. J. Castle, Unwin Type.** Bright, rosy crimson, large, open form. Wavy.

**Elfrida Pearson.** The flowers are lovely pink; buds and flowers tinted with salmon-pink.



**Vermilion Brilliant.** The standard and wings are of intense pure scarlet. The flowers are of largest size, placed in fours on long and strong stems.

**Nora Unwin, Unwin Type.** Pure white, very large, open form, wavy.

**Captain of the Blues.** Pure purple, the margin of the petals is marbled. Very large and distinct.

**Apple Blossom.** Bright rose, wings primrose.

**Asta Ohn.** Soft lavender suffused with mauve.

**King White.** Gigantic, pure white.

**Illuminator.** Rich salmon orange.

**Meriam Beaver.** Shell salmon pink.

**Dobbie's Cream.** Beautiful primrose colored flowers.

**New Buttercup.** Fine deep cream, large waved flowers. Very fine. Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**The Cardinal.** New, intense poppy scarlet Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c; oz., 75c.

**Margaret Atlee.** Most beautiful deep cream pink sweet pea. Color warm salmon pink perfectly suffused over cream ground.

**Sterling Stent.** Rich, deep salmon.

**Margaret Madison.** Clear, azure blue.

**Purple Prince.** One of the best.

**Prices of above, unless otherwise noted; Pkt., 10c;  $\frac{1}{4}$  oz., 25c; oz., 40c.**

## STANDARD GRANDIFLORA VARIETIES

All are large flowering and the best of their class. Prices for any of the following named varieties: Large packet, 5c; oz. pkg., 10c; six of the 1-oz. pkgs., all different, for 50c;  $\frac{1}{4}$  lb., 40c. All postpaid.

### WHITE

**Dorothy Eckford.** Best pure white, semi-hooded, with large white wings.

**Emily Henderson.** Pure white, large size, open form.

**Blanche Burpee.** Pure white, somewhat over medium size, hooded form.

### PALE YELLOW OR PRIMROSE

**Hon. Mrs. Kenyon.** A grand primrose yellow.

**Sybil Eckford.** Standard light apricot, wings cream and lemon.

**Stella Morse.** Deep cream, bluish pink edges.

### LIGHT PINK

**Prima Donna.** Lovely shade of soft pink.

**Lovely.** Soft shell pink. Extra fine.

**Katherine Tracy.** Standard soft pink, wings a trifle lighter.

**Sensation.** Light pink and buff.

**Janet Scott.** Bright pink.

### ROSE SHADES AND PINK

**Prince of Wales.** Bright rose, long stem, free-flowering.

**Hon. F. Bouverie.** Deep pink shading to lighter.

**Bolton's Pink**—Orange or salmon.

### ORANGE PINK AND SALMON

**Miss Willmot.** Large orange pink.

### LAVENDER AND MAUVE

**Lady Grisel Hamilton.** Best of all lavenders.

**Mrs. George Higginson, Jr.** Light lavender, almost azure blue.

**Admiration.** Delicate pinkish lavender.

### BLUE AND PURPLE

**Flors Norton.** Bright, clear blue.

**Navy Blue.** New deep, violet blue.

**Captain of the Blues**—Standard bluish purple, wings clear blue.

**Brilliant Blue.** Large blue flower.

### DEEP MAROON

**Othello.** Dark maroon, with veins of almost black.

**Shahzada.** Dark maroon and violet.

**Black Knight.** Dark maroon.

### STRIPED AND VARIEGATED

**Gray Friar.** Heliotrope, marbled or dusted on white.

**America.** Crimson scarlet, striped on white.

### SCARLET AND RED

**Salopian.** Deep crimson; best of all dark reds.

**Fire Fly.** Brightest crimson scarlet.

**King Edward VII.** Bright red or crimson scarlet.

**Pioneer Superb Mixture.** Composed of about 50 of the finest named varieties, containing the cream of the novelties and fancy sorts. Price, pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.25; postpaid.

# SELECT VEGETABLE SEEDS

**NOTICE.** On Peas, Beans, Corn, Onion Sets, Grass and Field Seeds, add Postage at zone rates.

## ARTICHOKE

Sow in April in rich soil, transplant the following spring to permanent beds, in rows three feet apart and two feet between the plants. Only a partial crop can be gathered the first season, but as it is a perennial, the beds will remain in bearing for years. Protect in winter by a covering of leaves or coarse manure.

**Large Green Globe.** The best for general culture. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., 80c.

**Jerusalem.** Tubers in season. 10c per lb., not postpaid. Write for special prices on quantities.

## ASPARAGUS

One oz. for 500 plants; 5 lbs. to the acre.

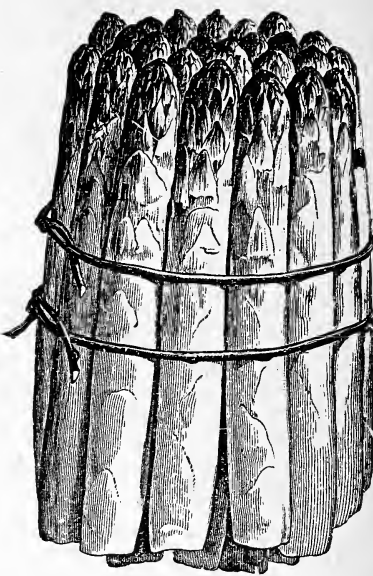
Sow as early in the Spring as the ground will permit, in rows a foot apart. Keep carefully hoed and free from weeds, and the plants will be in condition to set out the following spring. The soil for the permanent beds should be thoroughly manured and trenched to a depth of at least 2 feet. Plant in rows; spread the roots well out, and let the crown of the plant be covered about 6 or 8 inches when established. Previous to sowing the seeds, soak in tepid water for 24 hours.

**Early Giant Argenteuil.** This is the famous Paris specialty. The stalks grow to a mammoth size. When well grown some weigh four ounces. The head is slightly pointed and the scales with which it is covered are very closely set, overlapping one another. It is early, and so very vigorous it is but little troubled with rust. The flavor is superb. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Conover's Colossal.** A mammoth green sort, of the best quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**Palmetto.** An early green sort, prolific and very desirable. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**Columbian Mammoth White.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.



**EARLY GIANT ARGENTEUIL**

# BEANS

Add 5c per pound for postage.

Early varieties ready for table in 40 days.

One lb. to 50 ft. of drill; 80 lbs. to the acre.

The soil best adapted to beans is a light rich, well-drained loam, which was manured for the previous crop. Beans are extremely sensitive to both cold and wet, and it is useless to plant them before the ground has become dry and warm. The largest returns will result from planting in drills from 2 to 3 feet apart, and leaving the plants 2 to 6 inches apart in the row. Up to the time of blossoming they should have frequent shallow cultivation. Never hoe when the vines are wet, as the pods would become discolored. For succession, plant every two weeks.

**Golden Wax.** A standard sort. One of the earliest beans in the market. The pods are of good length, flat, but quite thick and broad. They are waxy, golden yellow and of fine, buttery flavor. Hardy and productive. Pkt., 5c; lb., 30c; 2 lbs., 55c. Not prepaid.

**Flaglot Wax.** Fine variety, long, yellow pods, very prolific. Pkt., 5c; lb., 30c; 2 lbs., 55c; Not prepaid.

**Davis' White Wax.** Immensely productive, bearing large, handsome, straight pods six inches in length. The pods are, however, tough, and with decided strings. The dry seed being white is desirable for winter market as a shell bean. Pkt., 5c; lb., 30c; 2 lbs., 55c. Not prepaid.

**Stringless Green Pod.** (Burpee's) The best green pod. It is early, hardy and productive, bearing handsome pods, which are entirely stringless, even when fully matured. The pods are 5 inches long, of a rich green color, very round and straight. By repeated plantings, fine pods may be had in constant succession from spring until cut off by heavy frosts in the fall.

For either the market or home garden, no other green podded bean is so entirely satisfactory. Pkt., 5c; lb., 30c; 2 lbs., 55c. Not prepaid.

**Early Mohawk, Six Weeks.** This is a long, flat-podded, and very productive variety, with standing a greater degree of frost and cold weather than any other variety, and on that account is preferred and selected for first planting; is also an excellent variety for pickling, for which purpose it should be planted about the last of August. Per lb., 30c; 2 lbs., 55c. Not prepaid.

**Dutch Case Knife.** An early corn hill bean. Pods very long and flat; beans flat, kidney-shaped, white, of excellent quality, green or dry. Pkt., 5c; lb., 30c; 2 lbs., 55c. Not prepaid.

**Scarlet Runner.** This variety grows 15 feet high, has flowers of brilliant scarlet, and is generally cultivated as an ornamental climber. Pkt., 5c; lb., 25c. Not prepaid.

## OTHER STANDARD VARIETIES

**Extra Early Refugee.** Early, hardy and productive. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Round Yellow, Six Weeks.** Early, very productive. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Improved Round Pod Valentine.** An improved strain of the well-known standard green pod snap bean. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Improved Black Wax.** Early and very prolific. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Wardwell's Kidney Wax.** A valuable wax pod; early. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Burpee's Bush Lima.** True best bush lima—no poles. Pkt., 5c; lb., 35c.

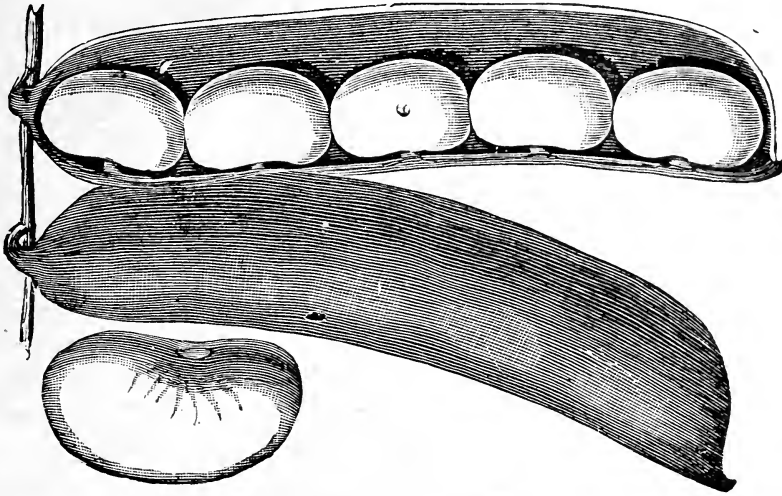
**Lazy Wife Pole.** The most popular pole bean. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Golden Cluster Wax Pole.** A valuable snap bean. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Kentucky Wonder.** A very popular pole bean. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Large White Lima.** Fine flavor, very productive. Pkt., 5c; lb., 35c.



**BURPEE BUSH LIMA**

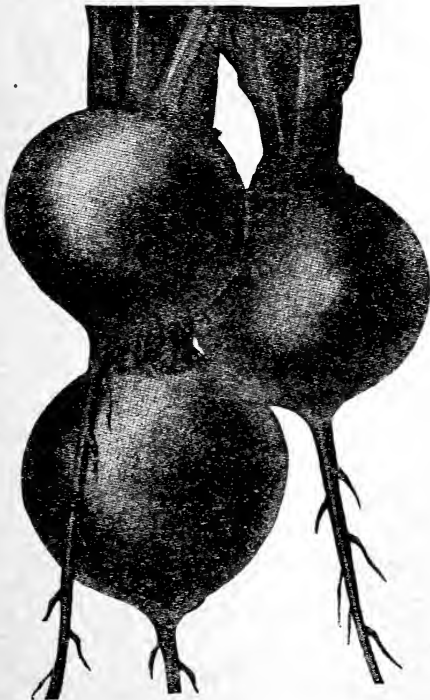
**Fordhook Bush Lima.** Dwarf and early maturing. Pkt., 5c; lb., 35c.

**White Navy.** For field culture. Per lb., 15c; 2 lbs., 25c.

**Colorado Butter.** Large, white and meaty. Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Dwarf Horticultural.** Pkt., 5c; lb., 30c; 2 lbs., 55c.

**Tall Horticultural.** (Cranberry.) Pkt., 5c; lb., 30c; 2 lbs., 55c.

**BEETS****Detroit Dark Red**

One ounce to 50 feet of drill; 6 to 8 lbs. to the acre in drills. The early turnip varieties are ready for table in from 50 to 60 days from sowing seed.

The best results are obtained on a deep, rich sandy loam, in freshly prepared soil, which should be pressed firmly over the seed.

If wanted very early, sow in hotbeds and transplant, cutting off the outer leaves. For general crop, sow in drills 18 inches apart, and thin to three inches in the row. For winter use, the turnip varieties may be sown in June, and the beets may be kept by storing in a cellar and covering with sandy soil to prevent wilting. To prevent beets losing their color in cooking, do not break the skin.

**Detroit Dark Red.** A choice variety of early turnip beet, largely grown by both private and market gardeners, and extremely desirable on account of its early maturity, small top and handsome appearance. The tops make an upright growth, thus allowing of planting in close rows, a valuable feature where space in the garden is limited. The beet is somewhat globe shape, skin blood-red and flesh rich red, toned with a darker shade. The beets are sweet when cooked, and it is a splendid variety for canning. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; b., 75c.

**Crosby's Improved Egyptian.** A very superior strain of blood-red Egyptian. The shape is very desirable, not quite as flat as the ordinary Egyptian, nor as round as the Eclipse. A decided advantage for an extra early marketable beet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Columbia.** A superb early main-crop beet. The smooth, clean roots grow three to four inches in diameter. Flesh deep blood red, tender and of rich flavor. The beets are ready for use almost as quickly as the extra early sorts, and of better quality. It retains its fine quality until the roots have reached full size. Foliage is comparatively small, of a rich bronze color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**OTHER STANDARD VARIETIES**

**Extra Early Dark Egyptian.** The standard market variety; grows quickly, producing smooth, flat, turnip-shaped roots. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Early Blood Turnip.** The standard early beet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Edmand's Early Blood Turnip.** Dark red; fine flavor; good for winter use, and one of the best beets grown. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Half Long Blood.** Fine for winter use. Always smooth, crisp and tender, remaining so until late in the season; dark red flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Long Smooth Blood Red.** A well-known winter beet; late in maturing, but an excellent keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Dewing's Early Blood Turnip.** Deep blood red. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Early Flat Bassano.** Flesh pink, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

### SWISS CHARD

Far superior to the common beet for greens, of almost the same flavor and equal to spinach. It is much easier to wash and prepare for the table. Sown early in the spring in rows, and the seedlings thinned out to 6 inches in the rows, it makes rapid growth of leaves, and is fit for use for greens sooner than any other variety, and can be cut throughout the entire summer. Later the leaves grow very large, with broad, flat, wax-like stems and mid-ribs, which may be cooked like asparagus or made into pickles. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c.

### BRUSSELS SPROUTS

This is one of the best vegetables for winter use, producing from the axils of the leaves an abundance of sprouts resembling small cabbages of excellent mild flavor.

**Tall French.** Very fine variety and very tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

**Improved Dwarf.** A variety producing compact sprouts of excellent quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c.

### BROCCOLI

Nearly allied to the cauliflower, but more hardy. The seed should be sown in the early part of May and transplanted in June. It succeeds best in a moist and rather cool atmosphere.

**Early Large White.** Very early; heads solid, firm and of most delicious flavor. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.60.

## MANGELS AND SUGAR BEETS

One ounce will sow 50 feet drill; 6 to 8 pounds per acre. 140 to 150 days required from sowing to maturity.

**FOR STOCK FEEDING.** When the fact is considered that 50 tons of Mangel Wurzel may be grown on a single acre at a small outlay, the wonder is that every farmer does not profit by it. Mangels grow to a large size and will produce a greater bulk of roots per acre than sugar beets, but the latter are richer in quality and of superior feeding value.

As all Mangels require a deep soil in order to grow well, plow and subsoil at least a foot to 18 inches and apply plenty of rich stable manure. Sow in April to June, in rows 18 inches to two feet apart, and thin to eight inches in the rows. Young plants may be transplanted to fill up vacancies. As soon as frost occurs dig the crop.

Mangels are good keepers and very productive. 35 to 50 tons can be grown to the acre.

**Mammoth Long Red.** The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above the ground and is easily harvested.

**Golden Tankard.** The best yellow mangel in cultivation; globe-shaped, easily harvested and very desirable.



Giant Half Sugar

**Golden Giant Intermediate.** Intermediate between the long and the globe shaped.

**Champion Yellow Globe.** The best globe-shaped mangel.

**Lane's Imperial Sugar.** A great favorite. Not so rich in sugar as Vilmorin's, but larger and more profitable to grow for feeding.

**Klein Wanzleben Sugar.** Largely grown for sugar. The root is straight and even. A heavy yielder and very rich in sugar.

**Vilmorin's Improved Sugar.** An improved French variety; very rich, containing usually as high as 16 per cent sugar.

**Giant Half-Sugar.** One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet.

**Red Globe Mangel.** A large, red, oval variety.

**Yellow Ovoid Mangel.** Intermediate between a long and globe shape; one of the finest grown.

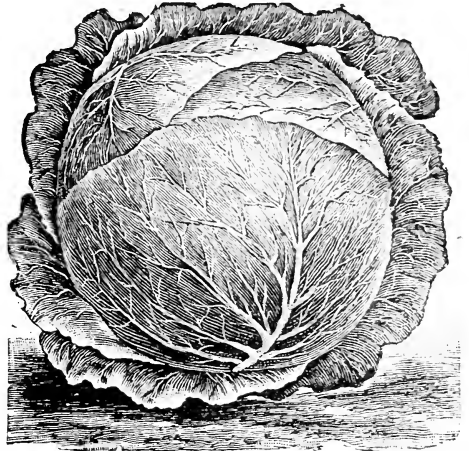
Prices on all of above: Oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c. By express, 5 lbs., \$2.25; 10 lbs., \$4.00. Write for prices on larger quantities.

# CABBAGES

We have a large stock of very fine Dutch-grown Cabbage Seed and venture to say it cannot be excelled at any house in the United States for quality. We cater to the best trade and buy only the best seeds.

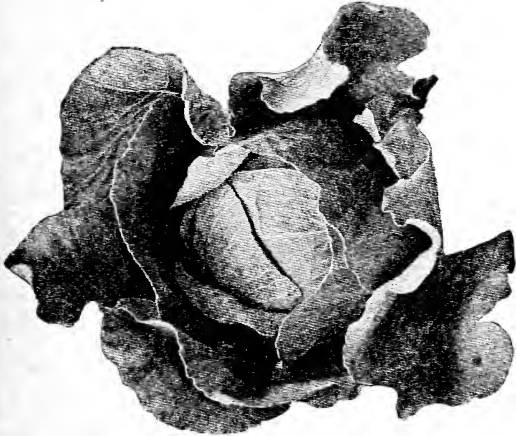
Ready for the table in from 100 to 160 days from seed, according to varieties. 1 oz. to 2,500 plants; 4 ozs. to transplant for an acre.

For early summer use, sow in hotbed in February or March. Before transplanting to the open ground they should be hardened off by exposing them gradually to the night air. For winter use, sow in open ground in May or June, taking care in either case not to let the plants stand too closely, as this makes them "spindling." When 5 or 6 inches high, transplant in rows 2 feet apart one way and 12 to 18 inches the other, according to variety, burying to the first leaf, whatever the stem length. Hoe frequently, drawing the earth up about the plants until they begin to head.



**Danish Ballhead**

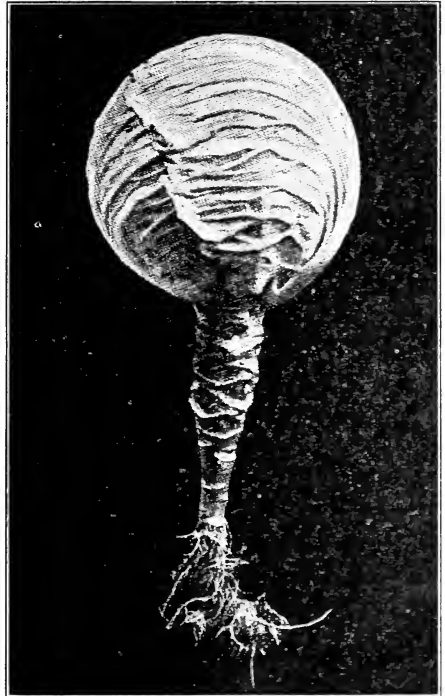
**Danish Ballhead.** Sold as Hollander. Well-known and deservedly liked by the majority of growers for the great solidity and keeping qualities of the heads. We know from the experience of many of our customers who purchase our Danish grown seed that it surpasses many of the so-called "Hollander" cabbages. It differs from the true Hollander or Short Stemmed Ballhead only in the length of the stalks and size of the heads. Our seed is imported direct from the grower in Denmark. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.



**New Early Cabbage, "Copenhagen Market."** It is undoubtedly without a rival as the finest large round-headed early cabbage in cultivation. The type is thoroughly fixed, the heads maturing all at the same time (this being a great consideration to market gardeners, entailing less labor in harvesting the crop and allows the ground to be cleared at the first cutting). The heads average about ten pounds each in weight, are very solid, with small core and of fine quality. The plant is short stemmed, the heads being produced almost on the ground level. The leaves are light green, rather small, saucer-shaped, and always tightly folded. The plants, therefore, can be set closer than is usual with varieties of similar size. Price: Pkt., 10c;  $\frac{1}{2}$ -oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.00.

**Hollander (True Short Stem).** A shorter stemmed variety of the famous Danish Ballhead. Our own importation from Denmark it is well-known to our customers. They are extremely hard and solid, with the inside leaves blanched to the purest white; crisp flavor and tender texture. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 90c; lb., \$3.00.

**Enkhuizen's Glory.** This is a comparatively new cabbage from Holland. We have sold it for several years now, and the variety gives excellent satisfaction. In season, Enkhuizen's Glory is one of the earliest of the flat sorts; size, medium, but very firm and solid—a most desirable variety for home and market use; the flavor is good, the leaves being very fine ribbed. The outer leaves are globe-shaped, permitting close planting. On account of its solidity this variety keeps much longer than the ordinary early kinds. Our stock is imported direct from the originator in Holland. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.



**Short Stem Hollander Cabbage**

**Extra Early Jersey Wakefield.** The "Selected Market Gardener's Stock". Extensively grown in all parts of the country as the best and most profitable early variety in cultivation, heading readily. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Early Winingstadt.** The best for general use, being a sure header, and will grow a hard head under circumstances where most sorts would fail. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

#### OTHER STANDARD VARIETIES

**Extra Early Express.** Earliest of all. Small pointed heads. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Large Wakefield or Charleston.** About a week later than Jersey Wakefield and about half as large again. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.00.

**Early Spring.** The earliest flat-headed variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Sure Head.** All head and sure to head. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**All Seasons.** Good for both early and late. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Early Summer (Henderson's).** A great favorite with market gardeners; large, solid compact heads. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$1.75.

**Premium Late Flat Dutch.** An old favorite variety. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Drumhead Savoy.** The best of all the Savoy. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Fottler's Improved Brunswick.** Good for intermediate and winter use. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Filderkraut.** Pointed heads; much used for kraut. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Mammoth Red Rock.** Hard heading; fine for pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Red Dutch.** A red cabbage for pickling. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Early Dwarf Flat Dutch.** Heads round and hard. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Large Red Drumhead.** Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**Lee's Excelsior.** Conical shape, 10 days earlier than Jersey Wakefield. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Lee's Wonderful.** Earliest of all, pointed head. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Large Drumhead.** Very tender and handsome. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Early Paris Savoy.** Solid and delicious. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.75.

**Stone Mason.** Early and solid heads. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

## CAULIFLOWER

Why can we hold customers for over 40 years? For the sole reason that our goods satisfy them. Our Cauliflower Seed, with proper care and attention, is bound to satisfy and give big returns for the investment. Buy your seeds from us and get the best.

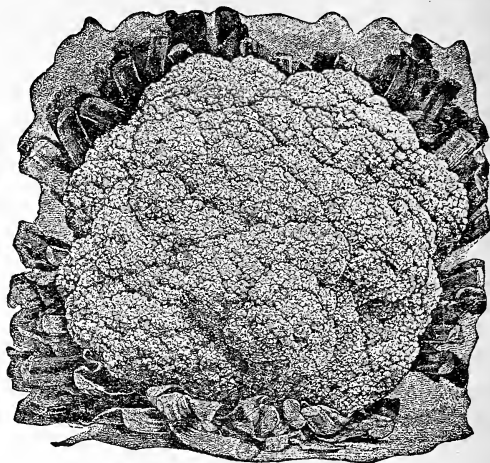
One ounce to 1,500 plants. Ready for table in 160 to 175 days from seed.

These need a deep, rich, moist soil, and require the same treatment as cabbages. For early summer varieties, seed should be sown in hotbed early in March, transplant when weather is warm. For late or autumn varieties, sow in March or April, transplant in June; hoe often.

**Extra Early Dwarf Erfurt.** "Extra selected." The choicest strain of the popular Erfurt type, and is remarkable for its reliability in heading. Pkt., 15c; oz., \$2.25;  $\frac{1}{4}$  lb., \$8.00.

**Autumn Giant-Veitch's.** A large late cauliflower, with compact white heads; these large, late sorts are not nearly as reliable as the snowball or Erfurt types, but are worthy of trial. Pkt., 5c; oz., 60c;  $\frac{1}{4}$  lb., \$2.25.

**Early Paris.** An excellent French variety. Its extreme earliness must make it a favorite, both for the trucker or private gardener. Large heads, white, compact and solid, with short stalk. Pkt., 5c;  $\frac{1}{4}$  oz., 25c; oz., 80c;  $\frac{1}{4}$  lb., \$2.25.



**Dry Weather Cauliflower.** This variety of Cauliflower is especially adapted for sections subjected to long, dry seasons, as it will grow well and produce the finest heads in spite of the lack of moisture which is required by other sorts. The heads average six pounds each, are very solid, pure white and of delicious flavor. Pkt., 15c;  $\frac{1}{4}$  oz., 75c;  $\frac{1}{2}$  oz., \$1.25; oz., \$2.25.

**Extra Early Snowball.** "Danish Grown." The best known variety for this locality. Of very compact growth. Under favorable circumstances, nearly every plant will make a fine solid head of good size and dazzling whiteness, fine texture and delicate flavor. Our seed is from the originator in Denmark and can be relied on for its genuineness. Pkt., 15c; oz., \$2.25;  $\frac{1}{4}$  lb., \$3.00.

## CARROTS

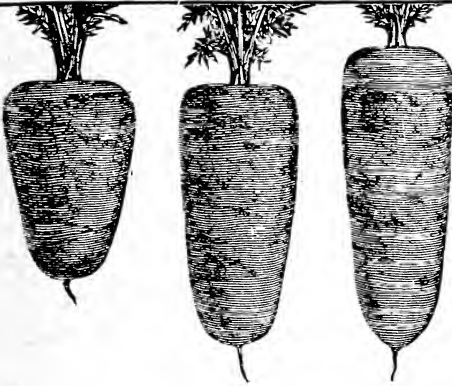
One ounce to a row 100 feet long. Three pounds per acre. Ready for table in from 95 to 120 days from seed, according to variety.

Any good land, if thoroughly and deeply worked, will produce satisfactory crops. Sow as early as the ground can be worked; sow the smaller kinds in rows 16 to 18 inches apart. Cover one-half to one inch deep and see that the soil is pressed firmly above the seed. Do not let the weeds get a start. Thin to 3 to 6 inches apart in the row as soon as the plants are large enough. For winter use, gather and store like turnips.

**Ox-Heart or Guerande.** This carrot is longer and much thicker than the Early Scarle; Horn; fine grained and of a deep orange color; destined to become a leading carrot; very productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Chantenay.** Tops medium size, necks small; roots tapering slightly, but uniformly; stump-rooted and smooth; color, deep orange red; flesh very crisp and tender; is a medium early sort, a heavy cropper and is undoubtedly one of the best for both the market and private gardener. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Danver's Half-Long.** A rich orange-red variety, very smooth and handsome, producing very large crops. An excellent market variety. Tops are of medium size and coarsely divided. The roots taper to a blunt point; flesh sweet, crisp and tender. Although the roots of this variety grow shorter, it produces more bulk to the acre than the larger field varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



Oxheart      Chantenay      True Danvers

**OTHER STANDARD VARIETIES**

**Improved Long Orange.** The standard lat variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Earliest French Forcing.** Used expressly for forcing. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Early Scarlet Horn.** A popular early variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Intermediate or St. Valery.** A fine late variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Nantes' Half-Long Stump-Rooted.** One of the best carrots we know of. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Large White Belgium.** A stock carrot; very productive. Oz., 10c;  $\frac{1}{4}$  lb., 75c; lb., 90c.

**Long Orange Belgium.** For stock; orange colored roots. Oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

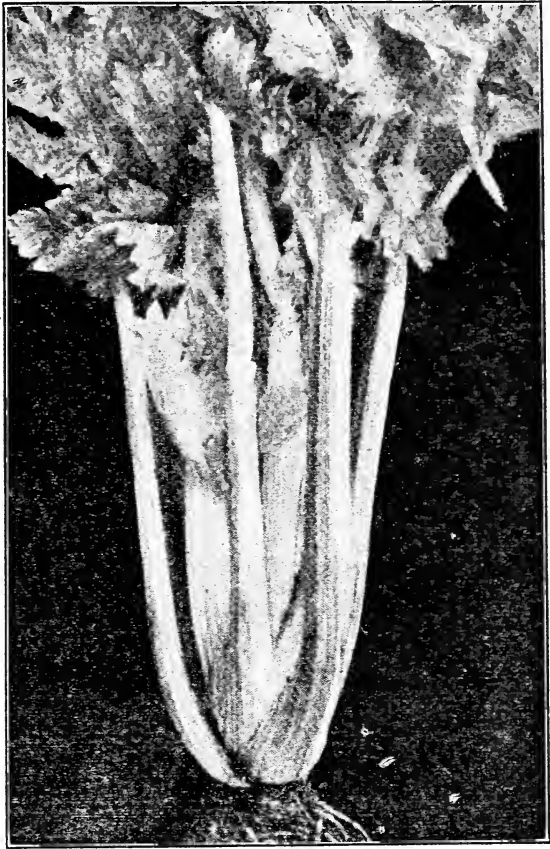
## CELERY

One ounce will produce 3,000 good plants. One pound to an acre.

Sow the seed (which is slow to germinate) in shallow boxes, or hotbed, cover the seed not too deep. Keep the bed moist, almost wet, until the seeds germinate. When about 2 inches high, thin out and transplant so that they may stand 3 inches apart, and when the plants are 4 inches high, cut off the tops, which will cause them to grow stocky. The essentials to success in celery growing are rich soil and plenty of water. The best results are usually obtained from setting about the middle of June or the first of July. In setting, prepare broad trenches about 6 inches deep and 4 to 6 inches apart, in which the plants should be set 6 inches apart, cutting off the outer leaves and pressing the soil firmly about the roots. Cultivate freely. Earth up a little during the summer, keeping the leaf stalks close together, so that soil cannot get between them. Finish earthing up in autumn, and never hoe or earth up when plants are wet, as this would be likely to cause them to rust or rot.

To keep celery for winter, dig trenches a foot wide and as deep as the tops of the plants. Stand celery in these erect, with what dirt adheres to the roots, packing closely, but not crowding. It should be covered with straw or leaves, a little at a time, as the cold becomes greater. Celery will bear a good deal of frost.

**Giant Pascal.** The well-known and popular variety for winter use, Vilmorin strains only offered. The stalks are very large, thick, solid, crisp and of a rich, nutty flavor, free from any trace of bitterness; it blanches very easily and quickly and retains its freshness a long time after being marketed. The heart is golden yellow, very attractive. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c.



**Paris Golden Self-Blanching.** This is the most popular and best yellow celery for early use. In nearly all markets it is the leading sort. The stalks are much broader and heavier than those of the white varieties and greatly superior in quality. It is ready for use nearly as early as any other sort. It has broad, heavy stalks, which blanch into a deep golden yellow; color is very handsome, stalks are crisp, tender and free from stringiness. It is the standard of excellence in the yellow variety. We sell nothing but originator's stock. Pkt., 10c; oz., \$1.00;  $\frac{1}{4}$  lb., \$3.50.

**OTHER STANDARD VARIETIES**

**White Plume.** The earliest celery known. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c.

**Half Dwarf White.** Solid and fine nutty flavor. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c.

**Rose Ribbed Self-Blanching.** Solid, early and large. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 70c.

**Celery for Seasoning.** Good, clean seed. Oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c.

**CELERIAC**

A variety of celery having turnip-shaped roots, which may be cooked and sliced and used with vinegar, making a most excellent salad. It is more hardy and may be treated in the same manner as celery.

**Apple Shaped.** A great improvement over the old variety, having small foliage, large tubers, almost round in shape and smooth. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

**Large Smooth Paris.** The root is very large and smooth, and preferable to the common Celeriac. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



**CHERVIL**

**Curled Double.** An aromatic, sweet herb. The young leaves are used in soups and salads. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c.

**CHICORY**

Pursue the same manner of cultivation as for carrots. If to be used as a salad, blanch the leaves by covering so as to exclude the light. If raised for its roots, dig at about the same time as carrots, wash the roots and then slice them either way, and dry thoroughly by artificial heat.

**Large Rooted. (For Coffee).** Used as a substitute for coffee. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c.

**CARDOON**

Main stalks are blanched like celery, used for salad or in soups. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb. \$1.00.

**CHIVES**

Chives are perfectly hardy perennial plants of the onion type. They are grown for their small leaves, which are produced very early in the spring, for giving a mild onion flavor to various dishes. The tops appear early in the spring, and can be shorn off close to the ground as needed. They can be grown also in pots in a sunny window during the winter. Roots, per bunch, 25c, postpaid.

**CORN—Sweet or Sugar**

Add 5c per pound for postage.

One lb. to 200 hills; 10 lbs. to the acre. In an average season from planting to first fair picking is from 55 to 85 days, according to variety. Sweet corn being liable to rot in cold, wet ground, should not be planted before May, or until the ground has become warm; practically nothing is gained in time and much is lost in quality by planting too soon. To have the finest sweet corn it must be picked in just the right condition, that is, when the skin of the corn breaks at the slightest puncture, and plantings should be made every two weeks to have a supply at this stage. Plant in rich ground in hills 3 feet apart each way, covering about half an inch, and thin out to three plants to a hill. The extra early varieties can be planted closer. Give frequent and thorough but shallow cultivation until tassels appear.

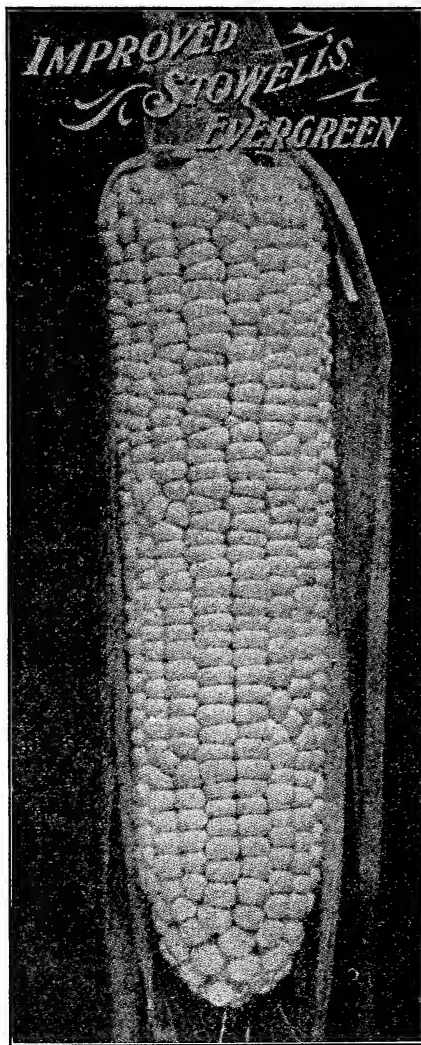
**Cory—White Cob.** It is one of the earliest corns known. The ear is large, and this, with the few days gained in maturing, may give the market gardener double the price of that coming a little later. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c. Not prepaid.

**Ferry's Early Evergreen.** Earlier than Stowell's Evergreen and remains in condition quite as long. The ears are large, with sixteen to twenty, more or less, irregular rows with very long grains, which are of the very best quality. The plants average from 6  $\frac{1}{2}$  to 7 feet high, and in ear, resemble those of Stowell's Evergreen. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c. Not prepaid.

**Burpee's "Howling Mob."** (So named on account of the demand for the corn when put on the market.) The stalks are of strong, vigorous growth, have abundant foliage and generally produce two fine ears to a stalk. The ears measure 7 to 9 inches in length, with 12 or 14 rows of good-sized pearly-white grains. The ears are covered with a heavy husk which extends well out from the tip of the ears and affords good protection from the green worms which are so often destructive to very early varieties. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c. Not prepaid.

**Perry's Hybrid.** This valuable early 12-rowed sugar corn has made a reputation for itself. This corn is desirable for market gardeners, because it is as early as Minnesota, and, being 12-rowed, will sell for much more. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c. Not prepaid.

**Golden Bantam Sweet Corn.** This is a very early sweet corn, listed by us for the third season. Our stock was grown by one of the best corn growers in the United States and is all selected, hand-picked seed. The kernels are very firm, and it can be planted early. Deep yellow in color and one stock frequently bears two or three perfect ears. Per pkt., 5c;  $\frac{1}{2}$  lb., 15c; 1 lb., 25c.



**Improved Stowell's Evergreen.** A large variety of excellent quality, remaining longer in the green state than any other kind. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c. Not prepaid.

**Country Gentleman.** The ears are produced in great abundance. The cob is very small, giving great depth to the kernels, which are pure white. The great merit of the Country Gentleman is its delicious quality. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c. Not prepaid.

**OTHER STANDARD VARIETIES**

**Peep O'Day.** Earliest of all. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c.

**Mammoth White Cory.** Earliest variety except Peep O'Day and Golden Bantam. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c.

**Early Minnesota.** A standard early variety. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb., 25c.

**Black Mexican.** Early sweet and fine flavored. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lbs., 25c.

**Premo, or Tom Thumb.** Claimed to be the best of the early sweet corn. Pkt., 5c;  $\frac{1}{2}$  lb., 15c; lb. 25c.

**Adams Extra Early.** Very early white. Pkt., 5c; lb., 15c; 2 lbs., 25c.

### FIELD CORN

**Hand-picked, perfect kernels, averaging 90 per cent test. Prices on application.**

**Pride of the North.** This is a well-known old variety; beautiful, deep dented, fine golden color, small ear, but a tremendous sheller. Will run about 40 to 75 bushels to the acre, ripens in 85 to 90 days, is hardy and vigorous, grows and matures anywhere, and is a most desirable variety when sure and early crops are wanted.

**Improved Leaming.** A rich golden colored dent corn, good-sized ears, rich in protein, wedge-shape kernels, medium size cob, a strong, vigorous grower, quite early, ripening in 90 to 95 days. Will always ripen when conditions are at all favorable, a large crop of fine golden corn. Two ears usually grow on each stalk. We have known this corn to yield as much as 90 bushels per acre.

**King of the Earliest.** This is a very early maturing variety of yellow dent corn. The stalks are slender, growing about six feet in height, producing one or two ears to a stalk. The ears are of medium size, with small dark red cob, well filled with slender but deep grains, shelling well. With us this variety produces fully ripened ears in 90 days. It is excellent for cool short seasons of the extreme North.

**Swadley Field Corn.** Nearly as hardy as the White Australian and fully as early, and yields more matured corn. This is the true Swadley Field Corn which was originally brought to Jefferson County, Colo., from the mountain farms of Virginia 25 years ago, by Mr. Geo. C. Swadley. The ears will average 8 inches long, 12 to 16 rowed. One-third of the crop will yield two ears on a stalk, maturing in 90 to 100 days.

**Australian White Flint.** The earliest and surest variety we have for the arid lands of the West. It will actually endure more drought and

cold than any other variety known. Grows to a height of 6 to 10 feet, ears varying from 8 to 12 inches long, usually 8 or 10 rowed, one and two ears on a stalk.

**Minnesota King.** A very early variety, in great favor with our customers. It is considered the most profitable and best yielding corn, no matter whether weather is favorable or not. It is a yellow, half dent variety, with broad rich, golden yellow kernels.

**Colorado Yellow Dent.** An early Dent variety, ripening with the Flint varieties, and can be grown in almost any locality. Stalks large, with broad leaves; ears 8 to 10 inches, 16 rowed; grain yellow, making a good quality of meal.

**Iowa Silver Mine.** Stalks grow 7 or 8 feet high, every stalk has an ear, often 2 or 3 ears, set about 4 feet from the ground. Ears long heavy, generally with 18 rows of broad, semi-transparent white kernels on a white cob. It is the earliest white corn and very productive. Very hardy and little affected by drought.

**Calico.** That fine, large, variegated corn that always yields well and makes big ears. This corn always gets ripe before frost.

Ask for market prices.

### CORN SALAD

**Large Leaved.** This vegetable is used as salad; if wanted to come in the early spring, it is sown in September, covered up with straw or hay as soon as cold weather sets in, and is wintered over exactly as spinach. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 80c, prepaid.

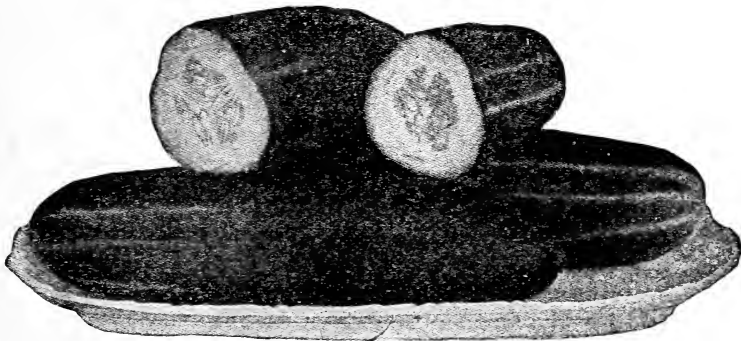
### CRESS OR PEPPERGRASS

**Ready in from 21 to 40 days.** Cress should be sown in a sheltered spot quite thick, in shallow drills. In a short time it will be fit for cutting. Sow frequently, as it matures very rapidly.

**Extra Curled** This small salad is much used with lettuce, the warm, pungent taste makes a most agreeable addition. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c, prepaid.

**Water Cress.** Hardy perennial, growing readily on the banks of streams of ponds. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00, prepaid.

## CUCUMBERS



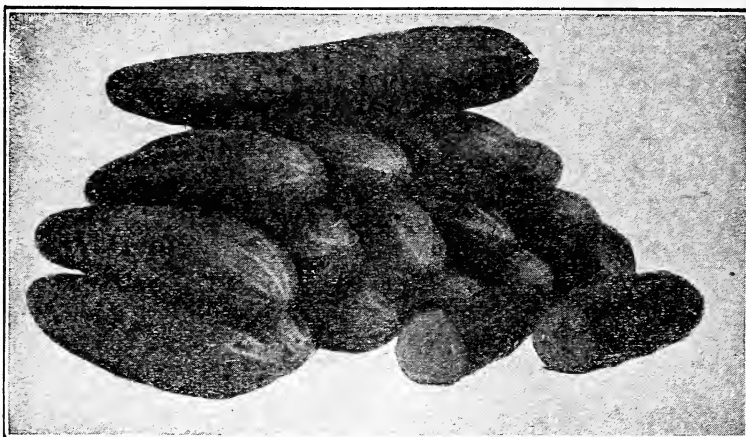
Davis Perfect

1 oz. to 50 hills; 2 to 3 lbs. to the acre. Main crop in 65 to 75 days. Earliest varieties ready for table in 50 to 55 days, from seed.

As soon as the weather becomes settled and warm, plant in hills 4 to 6 feet apart each way, with 8 or 10 seeds in a hill; cover half an inch deep, smoothing off the hill with the hoe. Keep the soil well stirred, and when the plants are out of danger of insects, leave 3 or 4 plants to a hill. For pickles, plant from 1st of June to 1st of August. The fruit should be gathered when large enough, whether required for use or

not, as if left to ripen on the vines, it destroys their productiveness. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and, when warm enough, transplanted to open ground.

**Select White Spine.** This is our best White Spine Cucumber. It is an extra select strain. Almost cylindrical in shape; slightly pointed at the ends—see illustration; very productive, fruits dark green in color and very uniform in shape. Most excellent for slicing and the best variety for both home garden and market. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



**Fordhook Famous.** This new, extra long White Spine Cucumber produces perfectly smooth, very dark green, handsome straight fruit, measuring 12 to 17 inches long. They are always solid, flesh being a greenish white, firm, crisp and of most delicious flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

#### OTHER STANDARD VARIETIES

**Early Frame.** A old and most popular variety; very productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**Early Green Cluster.** Fine for small pickles. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**Extra Early White Spine.** Useful for pickling, also table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Rolliston's Telegraph.** Used for forcing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Improved Long Green.** One of the best for pickles. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**Thorburn's Everbearing.** A continuous bearer. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Davis Perfect.** Unequalled for color, shape and productiveness. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 60c; lb., \$1.50.

**Japanese Climbing.** Can be trained upon a trellis or poles. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**West India Gherkin or Burr.** Small prickly fruits. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c.

**Parisian Pickling.** A distinct variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**Green Prolific.** One of the best for pickling. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

**Boston Pickling.** Early and productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

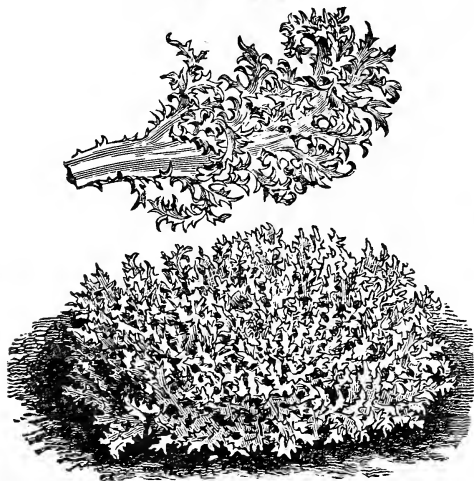
**Early Russian.** The earliest of all. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

#### DANDELION

The seed should be sown thinly in shallow drills early in the spring, well cultivated, and kept free from weeds throughout the summer. The plants should be covered with a light mulch of hay or straw during winter and will start into growth early in the spring. The leaves are served raw as a salad or cooked like spinach. The roots may also be taken up and planted in boxes in the same manner as parsley, and will furnish a supply of fresh "greens" during the winter months.

**Improved Moss.** Per pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c.

## ENDIVE



ENDIVE

Ready for the table in 43 to 50 days from seed. One oz. to 100 feet of drill. One of the best autumn and winter salads. Sow from June until August,  $\frac{1}{2}$ -inch deep, in drills 14 inches apart, and thin out to one foot apart in rows; when nearly full grown, bleach by tying the tips of the leaves together.

**Broad-Leaved Batavian, Winter.** Used chiefly in the fall. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**Green Curled, Winter.** A very popular winter variety; requires to be tied up for blanching. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

**White Curled Summer.** Self-blanching; very fine flavored and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.30.

**Green Curled, Summer.** Leaves curled, dark green, crisp and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c; lb., \$1.30.

**Witloof Chicory, or French Endive.** Has become very popular in recent years. It furnishes delicious salad in the winter when other fresh vegetables are not available. It can be raised early in every home. Plant seed in March or April, dig the roots produced in November or December, and store them in sand in a cool place until ready to start them in growth in the cellar. They are somewhat like parsnips in appearance. Forcing and growing is done any time from



December 15th until spring in good soil in the cellar, hotbed or outdoors. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

### KOHL-RABI

Prepare ground as for cabbage, then plant about the first of June in rows two feet apart, thinning plants to 12 inches in the row. The flesh is tender and resembles a fine rutabaga, with less of a turnip flavor. One ounce to 2,000 plants.

**Very Early White Vienna.** The earliest and best for forcing; very tender; excellent for table use. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c.

### EGG PLANT

One oz. to 1,000 plants. Ready for table in 145 to 160 days. A tender plant. Start early in hotbed or in the house. Plant out early in June, care being necessary to prevent plants being chilled by the change.



EGG PLANT—NEW YORK IMPROVED

**New York Improved—Spineless.** The leading market variety, excellent and productive. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 50c.

**Black Pekin.** The fruit of this handsome variety is jet black, round in form and very solid; it is quite early, and a very superior variety. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 50c.

**Early Long Purple.** An early variety and also a very profitable one. The fruit is long and of a rich dark purple. Pkt., 10c;  $\frac{1}{4}$  oz., 20c; oz., 50c.

### KALE OR BORECOLE

Ready for table in 100 to 130 days. One oz. to 300 feet of drill, and makes 5,000 plants. Sow about April 15th in well-prepared soil, covering the seeds thinly. Cultivate like cabbage. Much improved by freezing.

**Green Curled Dwarf.** This is a very hardy and low-growing variety. The leaves are finely curled; a fine variety for winter and spring use. Pkt., 5c; oz., 20c.

**Tail Scotch.** Leaves bright green and beautifully curled. Pkt., 5c; oz., 20c.



LEEK

A hard species of onions, sown in drills or broadcast. When 6 inches high, transplant into rows a foot apart, setting the plants 4 to 5 inches deep, and about 6 inches apart in the row. Used mostly in soups and stews. One oz. to 1,000 plants.

**Large Rouen.** A new French variety of large size, the best of all. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**London Flag.** Broad leaves growing on two sides. A favorite variety with the market gardeners. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

## LETTUCE

Fit for use in 3 or 4 weeks, marketable size, 60 to 65 days from seed. One ounce for about 3,000 plants.

Lettuce thrives best in a light, very rich, moist soil, but does well in common garden soil enriched with rotten manure. For first crop, sow in gentle heat in February and transplant to 10 inches apart. It may be sown thickly and cut when the plants are very young. For a summer supply, sow thinly in shallow drills in a cool, partially shaded place, in rich soil, and thin out to a foot apart.

**Early Ohio—Cincinnati Curled.** "Private stock." This splendid lettuce was introduced by us years ago. We have the stock grown by one of the first growers in the world. It is equally good for outdoor growth or forcing, slow to run to seed. Forms fine heads of good color, tender, of buttery flavor, and in every respect a market gardener's lettuce. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Grand Rapids (Seed Black).** As a lettuce for greenhouse forcing this variety undoubtedly stands at the head of the list. Owing to its upright habit it may be planted closely. It is of extremely rapid growth. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**Unrivalled Big Boston.** Is sure to be wanted by market gardeners, because it always produces large, solid, salable heads. On account of its heading at all seasons of the year, it commends itself to all. Very crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

## OTHER STANDARD VARIETIES

**Improved Hanson.** Heads solid, crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Black-Seeded Simpson.** A popular variety, crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Early Prize Head.** Splendid for family use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

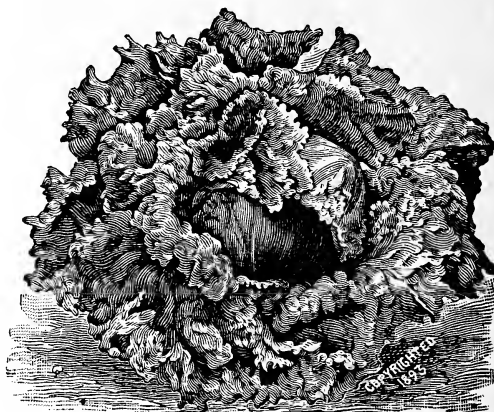
**Early Curled Simpson.** Fine for cutting and for family use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**California Cream Butter.** Extra fine. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Golden Queen.** One of the best first early varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**May King.** The best early-heading variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Paris White Cos.** Produces long, pointed, compact leaves. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



DENVER MARKET

**White Chavigne.** An excellent heading sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**White Tennis Ball.** Good forcing head lettuce. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**Denver Market.** Similar to Early Ohio. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**Early Tennisball.** Good for forcing or outdoor use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$ -lb., 30c; lb., \$1.00.

**Mountain Iceberg.** We have been very careful in our selection of our Mountain Iceberg strain of Lettuce. This crop as now raised largely in the mountainous sections of Colorado with such great profit and is rapidly putting Colorado to the front as a producer of the finest Head Lettuce in the world. This is a beautiful Lettuce, having large curly leaves of a bright light green color with a very slight reddish tint at the edges. Heads are very handsome and solid because of the natural tendency of the large strong leaves to turn in, which also causes thorough blanching. It is very tender and crisp and is a fine Lettuce in every respect. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00; lb., \$2.75.



MOUNTAIN ICEBERG

## MUSKMELONS

One ounce to 50 hills; 2 to 3 pounds per acre.

Many seed houses offer melon seeds taken from fruit that was left unsold at end of season. Our seed is produced by growers who produce melons for seed purposes only, and are not interested in shipping, consequently take greater care in selecting seed stock.

Melons thrive best in a light, rich soil. Plant when the ground has become warm and dry, and danger from frost is past, in hills 6 feet apart each way, in well enriched soil, 12 to 15 seeds in each hill. After all danger of bugs is over, thin out to 3 plants per hill. When about three feet long, pinch off the tips to make them branch, and cause the fruit to mature earlier.

Earliest varieties ready in 90 to 100 days from sowing. General crop requires 115 to 140 days.

**Rocky Ford—Selected Stock.** This seed is carefully grown, selected and saved at Rocky Ford under the care and supervision of one of the most careful shippers. It is well known that much seed offered as Rocky Ford stock has been saved from surplus or cull melons by men who know nothing of the responsibility of the seed business. Careful planters should avoid this kind of stock. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Burpee's Netted Gem.** The most popular and best green fleshed melon, sold by us for the past 30 years. The vines are of extremely strong growth, short, and branch freely, the fruit setting close to the hill; fruit even and regular in size and form, nearly round or slightly oval. Finely netted, the skin is of a light golden hue when fully ripened; the flesh is of light green, of a melting, luscious flavor; ripens close to the skin. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Miller's Cream.** It is medium sized, oval, slightly ribbed, dark green in color, covered more or less with shallow netting. The flesh is deep salmon color and very thick, there being but a slight cavity in the center of even the largest fruit. A favorite variety for the market. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Banana.** This variety gets its name on account of the long fruits having a banana-like aroma. The fruits are from 15 to 20 inches in length, and from 4 to 6 inches in diameter. The salmon flesh is thick and of a delicious flavor. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

#### OTHER STANDARD VARIETIES

**Extra Early Hackensack.** Earlier and larger than the old Hackensack. One of the best market varieties. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Emerald Gem.** One of the sweetest melons in cultivation. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

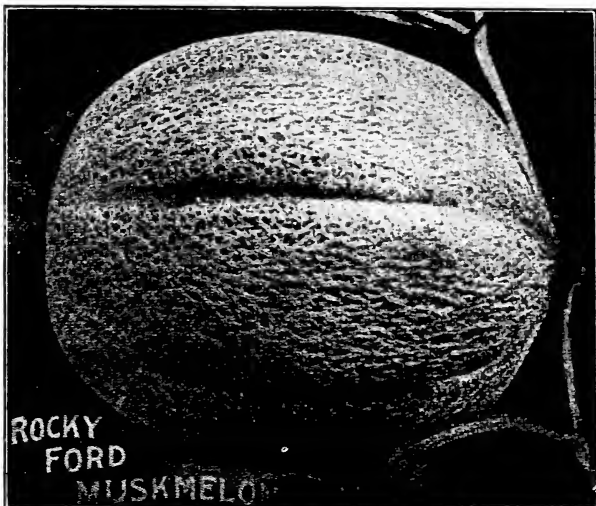
**Green-Fleshed Osage.** Very hardy and prolific. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Early Yellow Cantaloupe.** Large early and good flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Large Yellow Musk.** Large, thick and sweet. Salmon yellow color. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Long Island Beauty.** Similar to Hackensack. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Green Nutmeg.** Finely netted, greenish yellow flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.



#### BURRELL'S GEM MUSKMELO

The Burrell Gem is a combination of the characteristics of the Osage, Defender, Rocky Ford and Acme. It has a tough, thin rind, well arched ribs covered with a closely laced and interlaced gray netting. The blossoms are protected with a well developed button. Shape quite elongated, the diameter from stem to blossom being one-third more than from top to bottom. The flesh is a reddish orange, very thick, fine grained and spicy, not containing too much water or acid. Seed cavity small and triangular, the seed closely held in place in three lobes. The average weight is about 2  $\frac{1}{4}$  lbs., the length 6 inches, and the thickness 4  $\frac{1}{2}$  inches. Per pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.



#### CITRON

**Citron, Red Seeded.** A small globular variety, striped and marbled with light green. Flesh white and solid; seeds red. Used exclusively for pickles and preserves. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Citron, Green Seeded or Colorado Preserving.** For stock feed. An oblong dull green variety about 18 inches long. The flesh is green with green seeds, and is used largely for stock feeding. A common plan is to split them open with an ax and feed them to cattle in the field. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

## WATERMELONS



One ounce to 30 hills; 4 lbs. per acre. Ready from 90 to 140 days from seed.

To get good strong vines early in season, form large well-drained hills or earth, made very rich, about 8 feet apart. In these, plant the seed as soon as the ground is warm and dry and carefully protect the young plants from insects, and hasten their growth by the use of liquid manure.

**The Boss.** One of the best of all melons; in shape it is oblong and nearly the same diameter throughout its length. The flesh is of a deeper scarlet and richer in appearance than that of any other sort; has black seed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.



**Tom Watson.** A novelty in watermelons, and of sterling merit. It has been quite extensively tried so that it has passed its period of experiment. The fruit is very large, many melons weighing 50 to 60 pounds and measuring 18 to 24 inches in length. Its rind is very thin, but exceedingly tough, and on this account it is one of the very best shipping varieties. The skin is a dark mottled green, while the flesh is a brilliant scarlet, and the heart is very large with a small seed area. The flavor is most delicious and refreshing. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Rocky Ford.** This melon, as indicated by its name, was originated at Rocky Ford, Colo. It is well known to be the best shipping melon grown, while its flavor is far superior to any other. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c.

#### OTHER STANDARD VARIETIES

**Sweet Heart.** The best long shipper, large oval, flesh bright red, solid, tender and sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Cole's Early.** A very early melon; just right in size and shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Kolb's Gem.** A well-known shipper. Large and a heavy yielder; bright red flesh of very good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Dark Icing.** Skin dark green; flesh sweet and melting—the trucker's favorite. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Ice Cream, or Peerless.** A standard home variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Kleckley's Sweet.** One of the finest melons yet introduced. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Mammoth Iron Clad.** Matures early, good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Phinney's Early.** Deep red flesh, early and productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Cuban Queen.** One of the largest, bright red flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Black Spanish.** Very early, rich, sugary flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Gray Monarch.** Mottled gray color, bright crimson flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Mountain Sprout.** Largest size fruit. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Mountain Sweet.** Large, oval shape, scarlet flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Pride of Georgia.** Dark green, oval shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Seminole.** One of the best. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Gypsy, or Georgia Rattlesnake.** Large, oblong shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Light Icing, or Ice Rind.** Nearly round, one of the earliest and best. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

## MUSTARD

One oz. to 75 feet of drill. Very hardy. Seed can be sown as soon as the soil is free from frost, in shallow drills. Cut when a few inches high. It grows rapidly, and several sowings may be made.

Mustard is not only used as a condiment, but the green leaves are used as a salad, or cut and boiled like spinach. Sow thickly in rows and cut when about two inches high.

**White English.** Best for salads or medicinal purposes. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

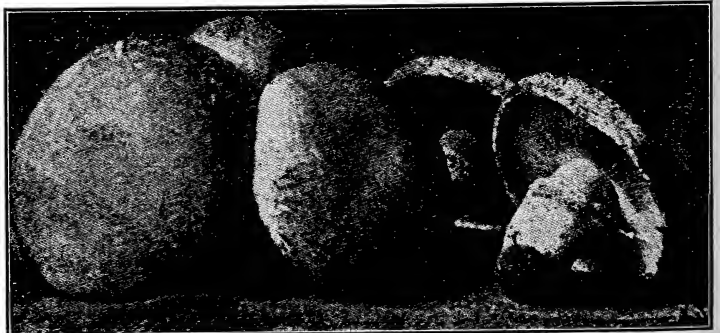
**Brown or Black.** More pungent in flavor than the white. Seed black. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c.

**Giant Southern Curled.** Very large variety, forming a great mass of beautiful leaves which are ruffled and finely curled on the edges. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.00.

## MUSHROOM SPAWN

**MUSHROOM SPAWN.** Delicious mushrooms may be grown by anyone having a supply of fresh horse manure and a tight shed or cellar where a temperature of 50 to 60 degrees can be evenly maintained.

**CULTURE.** In preparing a bed, procure fresh horse manure, leaving no litter or straws in it over nine inches in length. Mix thoroughly in proportion of three parts



of horse manure to one part loam. Leaving it remain for a week to ferment and turn about four times at two-day intervals, mix say one-sixth soil. Then in some sheltered place, if possible, make of this compost a bed four feet wide, eight inches deep and as long as desired, pressing solidly. Leave this until the heat subsides below 80 degrees and as low as 65 would be better for a heavy crop, then plant pieces of spawn two inches square in holes two or three inches deep, nine inches apart each way; cover with the compost, and in the course of a week or ten days the spawn will be diffused through the whole bed. Now cover with two inches of fresh soil and over this spread three or four inches of hay, straw or litter. If the surface becomes dry, wet with lukewarm water. Keep an even temperature of from 50 to 60 degrees.

**American, Pure Culture Spawn.** Produced by the new grafting process, from selected and most prolific varieties; has never failed to run. Per brick, enough for 8 square feet, 35c; 5 for \$1.50, by mail, postpaid. By express, at buyer's expense, per brick, 25c; 6 bricks, \$1.40; 12 bricks, \$2.75.

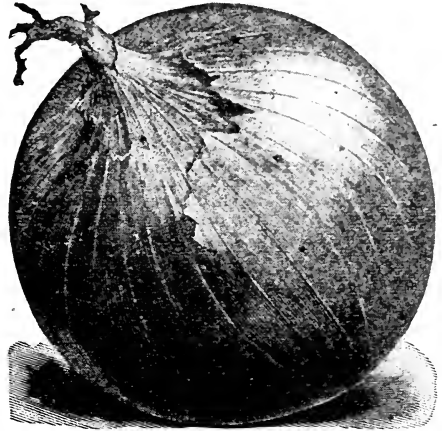
A pamphlet containing complete cultural instructions will be mailed to you for 35c additional.

## ONION

One ounce to 100 feet of drill; four to five pounds to the acre. Ready for green onions in 60 days. Main crop matures in 130 to 190 days from sowing.

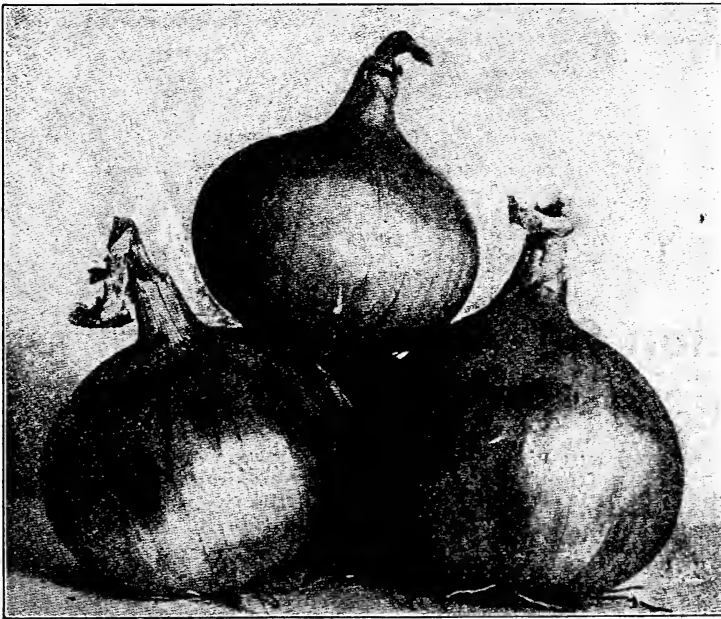
The onion is most successfully grown in a rich, sandy loam. Continued cultivation upon the same plot of ground, contrary to the general rule, rather improves the crop than otherwise. As early as the ground can be worked in the spring, sow the seeds

in drills 14 inches apart, covering half an inch. When the plants can just be seen in rows, commence hoeing, just skimming the surface. Subsequently weed thoroughly and carefully by hand. When the tops die, pull the onions and spread evenly over the ground; stir or turn until thoroughly dried, then cut the tops off one-half inch from the bulb.



**Red Bermuda.** Very flat and of a light pink color. The flesh is white, slightly suffused with pink. Postpaid: Pkt., 5c; 1 oz., 25c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00.

**Yellow Bermuda.** Same as above, except in color. Postpaid: Pkt., 5c; 1 oz., 25c;  $\frac{1}{4}$  lb., 90c; 1 lb., \$3.00.



**Ailse Craig**

### AILSE CRAIG

The largest onion grown. This is an English variety and is quite popular with the English gardeners. It resembles the American variety

of Prizetaker, but will grow much larger and more globular in form. The skin is an attractive straw color; flesh is mild; will keep remarkably well for such a large bulb. In order to produce the largest and best onion the seed should be



sown in a hotbed early in the spring and transplanted where of sufficient size. They will prove valuable for those who grow them for exhibition purposes, as they are most attractive and showy. Pkt., 15c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

**Ohio Yellow Globe.** A very desirable strain of yellow globe-shaped Onion. The main features which distinguish this strain from others are its distinct and attractive shape; handsome, bright, even color; ripens early and all at once; necks very small and cure down very close. The bulbs are firm, solid and keep exceptionally well during winter. The yield, size and quality are all that could be desired in a yellow globe onion. Although this strain was first introduced in Ohio, the seed we offer is thoroughly acclimated and is suitable for northern conditions. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**Yellow Globe Danvers.** The bulbs are large and globular, with a very thin neck, rich orange yellow color. An enormous yielder and a fine keeper; flesh white and mild. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**White Bermuda, True Teneriffe Grown.** These are the mammoth onions which are annually grown in large quantities, both in Bermuda and our southern states, and imported to our northern markets in the early spring. These beautiful oval-shaped onions are unsurpassed for the home garden. Our seed imported direct from the best growers. Pkt., 5c; ½ oz., 15c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

**White Queen.** An excellent variety, with white skin and of a fine flavor, as remarkable for its keeping qualities as for the rapidity of its growth, and is without doubt the earliest onion known. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

**Southport Yellow Globe.** A large handsome globe-shaped yellow variety, very productive, of mild flavor. The outer skin is of a pale yellow; the bulbs are of a beautiful globe shape and good keepers. This onion is worthy of a trial by market gardeners; it is a favorite with eastern onion growers. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**Mammoth Silver King.** This onion grows to a remarkable size. The skin is a beautiful silvery white, the flesh is snowy white, and of a particularly mild and pleasant flavor. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**Southport White Globe.** Of all our American varieties of market onions, this generally commands the highest price. Of true globe form, the onions are 2 to 2½ inches in diameter, with a thin, delicate skin of purest paper whiteness. The flesh is crisp, fine grained, snowy white in color and very mild flavor. The bulbs should be stored in a cool, dark loft or shed to dry as soon as they are ripe enough to harvest. Per pkt., 10c; oz., 25c; ¼ lb., 90c; per lb., \$2.25.

## Onion Sets

Many prefer to grow onions from sets, as they are less trouble and are ready for use earlier than those grown from seed. Our sets this year are very nice and just the right size. One quart will plant a row 50 feet long. Ten bushels will plant one acre. Bottom Sets are grown from seed and are the most used. Top Sets are still much called for in some sections. White Multipliers are fine for bunching green. Bottom Sets and Multipliers, bu., 32 lbs.; Top Sets, bu., 28 lbs. Bushel prices are subject to market changes.

### Varieties Most Called For

By mail, postpaid

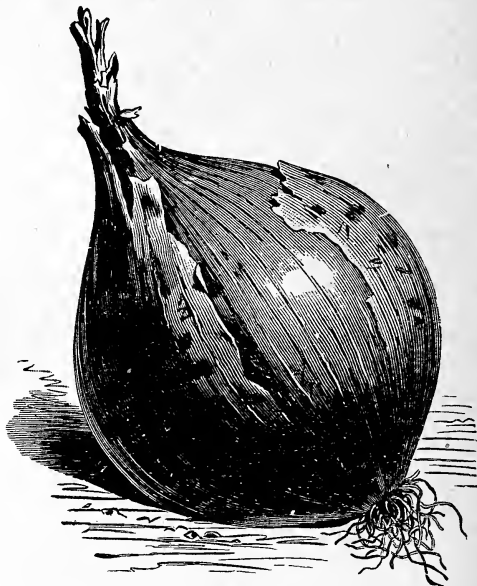
**White Bottom.** Pt., 15c; qt., 25c.  
**Yellow Bottom.** Pt., 15c; qt., 25c.  
**Red Bottom.** Pt., 15c; qt., 25c.  
**Red Top.** Pt., 15c; qt., 25c.  
**White Multiplier.** Pt., 20c; qt., 35c.

If larger quantities are wanted, write for special prices.

### OTHER STANDARD VARIETIES

**Extra Early Red.** (Flat.) Very desirable for extra early. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**Extra Large Red Wethersfield.** The best strain. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.



Southport Red Globe

**Southport Large Red Globe.** Most handsome and most perfect globe-shaped onion in cultivation. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

**White Portugal, or Silver Skin.** A favorite white onion, very mild. Pkt., 5c; oz., 30c; ¼ lb., 90c; lb., \$2.50.

**Yellow Danvers Flat.** Largely grown for market and for sets. Pkt., 5c; oz., 25c; ¼ lb., 60c; lb., \$2.00.

**Pritzaker.** The genuine, large and handsome. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**Australian Brown.** Extra early and a sure cropper. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**White Barletta.** The best for pickling. Pkt., 5c; oz., 30c; ¼ lb., 90c; lb., \$3.00.

**White Lisbon.** A good bunch onion. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$1.75.

Special price quoted on large quantities.

## Okra or Gumbo

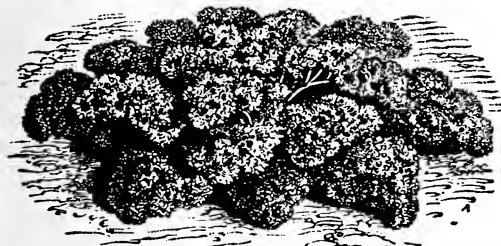
One oz. to 40 feet of drill. Ready for table in from 90 to 105 days from seed. The pods when young are used in soups, stews, etc. The plants are of the easiest culture. Sow at the usual time for all tender vegetables, in drills two inches deep, setting the plants 2 feet apart.

**Long Green.** Large green pods. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**Dwarf Green.** Early and productive. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

**White Velvet.** This distinct and beautiful new okra was originated in Georgia. The pods are large, perfectly smooth, never prickly, round, not ridged or square, as in other okras. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

## Parsley



One oz. to 150 feet of drill. Soak the seeds a few hours in lukewarm water and sow early in spring in drills one foot apart. Thin out to four inches. A few seeds sown in onion rows use no space. To preserve in winter, transplant to a light cellar or glass frames. Used for garnishing and seasoning.

**Moss Curled or Double Curled.** A fine dwarf variety, beautifully curled, excellent for garnishing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 80c.

**Hamburg Rooted or German.** The edible roots resemble small parsnips. Is esteemed for flavoring soups, stews, etc. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.

## Pepper



One ounce to 1,500 plants. Requires from 135 to 160 days from sowing to maturity.

The small peppers are the hottest, the large varieties being quite mild in flavor. Sow in hotbed early in April and transplant. They may also be sown in the open ground when the danger of frost is past and the soil is warm.

**Schell's "New Quality."** A valuable new pepper for market gardeners. It is tremendously prolific. It has a beautiful, attractive shape and the fruit sells on sight. It is almost as sweet as an apple and makes a very attractive appearance to the eye. Price, per pkt., 25c;  $\frac{1}{2}$  oz., 75c; oz., \$1.25.

**Chinese Giant.** This is the largest and finest Red Pepper. Of stocky growth, very vigorous, well branched and thickly set with enormous fruit, much larger than the well-known Ruby King. The flesh is extremely mild, and very thick. For salads it is unsurpassed sliced, of mild flavor; rind thick and fleshy. Pkt., 5c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Spanish Monstrous, or Sweet Spanish.** Very large single peppers often grow six to eight inches long, and two to three inches thick. Early, most productive, flesh very sweet and mild. Pkt., 5c; oz., 50c.

**Cherry Red.** An exceedingly ornamental variety, fruit round, of a rich, glossy scarlet color. Pkt., 5c; oz., 50c.

**Chili.** Pods sharply conical, nearly two inches in length and half an inch in diameter, brilliant scarlet when ripe, and exceedingly piquant. Pkt., 5c; oz., 50c.

### OTHER STANDARD VARIETIES

**Ruby King.** A very popular red pepper; mild and sweet. Pkt., 5c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75.

**Large Bell or Bull Nose.** The best known red pepper; early and prolific. Pkt., 5c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75.

**Sweet Mountain.** A strong grower; large productive and sweet. Pkt., 5c; oz., 50c;  $\frac{1}{4}$  lb., \$1.75.

**Long Red Cayenne.** A standard household variety—hot and pungent. Pkt., 5c; oz., 75c.

## Peanuts

Culture very simple. Plant in light, sandy soil in April, in pod or shelled; two to a hill on level ground. Hill up from time to time as required. Pkt., 5c; lb., 30c.

## Peas

Add 5c per pound for postage.

**Northern Grown.** One lb. to 50 feet of drill; 90 to 120 lbs. per acre.

For early Peas, sow in a light, rich soil, as early in March or April as the ground can be worked; for later varieties, sow in April or May. Discontinue sowing from June to August, after which, by sowing an extra early sort, a good crop can generally be secured. As peas suffer considerably from drought during the hot summer months, it will be found of great benefit to sow the peas in a trench 6 inches in depth, covering the peas to a depth of 2 inches. As soon as sufficient growth has been made, draw the earth about the vines. In this way a great deal more moisture is kept about the roots than if sown on the level and afterwards hilled up. The wrinkled varieties are not so hardy as the common sorts and should be planted later, owing to their liability to rot in the ground, but are much superior in flavor to the smooth peas. Dwarf varieties sow in rows one foot apart, and taller sorts from 2 to 3 feet apart. For succession of dwarf-growing varieties, plant Nott's Excelstor, Everbearing, Stratagem.

**EXTRA EARLY SORTS**

**Carter's "Daisy," or Dwarf Telephone.** A second early dwarf pea with immense pods and peas. The self-supporting, stout plants are fairly loaded with large, bright green pods, which are always well filled. Pkt., 5c; lb., 30c; not prepaid.

**Laxtonian.** A new, early pea of fine size and exceptional quality. The vines are dwarf, growing from 15 to 20 inches, but the pods are from 4 to 4 ½ inches long, of bluish green color, and pointed at the end. Each pod contains from seven to ten peas of very large size and delicious flavor. The vines are vigorous, of fine dark green color, and need no support. Try a row or two of these fine new peas and we know that you will be delighted with them. Pkt., 5c; ½ lb., 15c; lb., 30c.

**Tom Thumb.** Remarkably dwarf and early, of excellent quality and yields abundantly. Pkt., 5c; lb., 30c; not prepaid.

**Extra Early Gradus, or "Prosperity" Pea.** This popular, large-podded, wrinkled pea is of finest quality, maturing its pods only 2 or three days later than the round seeded extra earlies. The vine grows three feet high, on heavy stems, with large pods, about 4 inches long, filled with large, handsome peas of fine flavor. A profitable variety for market gardeners. Pkt., 5c; lb., 30c; not prepaid.

**Nott's Excelsior.** Very early; pods always well filled with peas of the finest quality. Will take place of American Wonder. Pkt., 5c; lb., 30c; not prepaid.

**Little Marvel.** It is a Marvel just as its name implies, only it should be called Big Marvel instead of Little Marvel. It is a wrinkled pea; a few days earlier than Nott's Excelsior or American Wonder. Pods are darker green with 7 to 8 large, green peas which remain in condition for table use a week or more longer than any of the wrinkled varieties. It is very prolific and a decided favorite with those desiring an extra early wrinkled pea. Height 18 inches. Pkt., 5c; ½ lb., 20c; lb., 35c.

**OTHER STANDARD VARIETIES**

**Telephone.** Most popular late variety; vines large, pods well filled, peas tender and of fine quality. Pkt., 5c; lb., 30c.

**Alaska.** The earliest of all blue peas; very productive. Pkt., 5c; lb., 30c.

**Improved Stratagem.** The best late, large-podded pea. Pkt., 5c; lb., 30c.

**American Wonder.** Dwarfest of all varieties. 12 inches in height. Very early and very sweet. Pkt., 5c; lb., 30c.

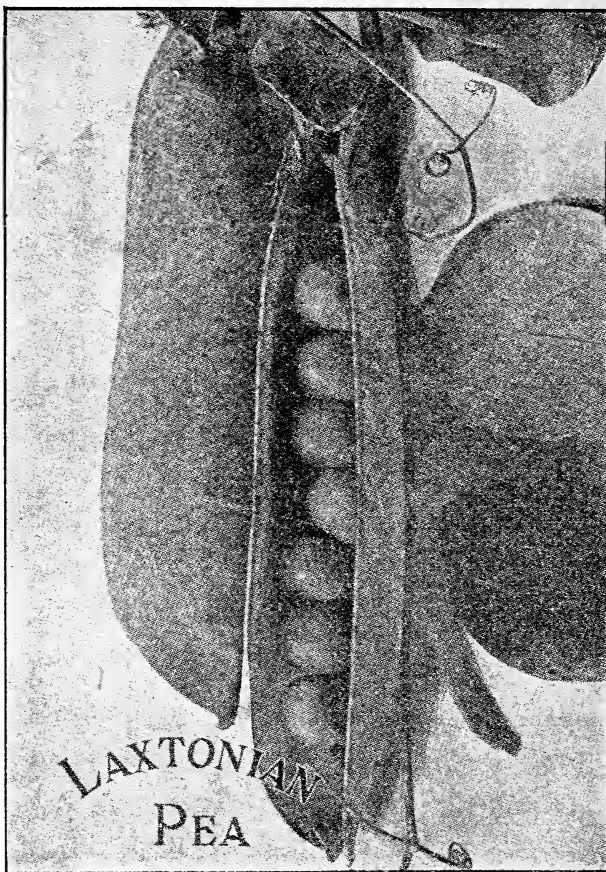
**Extra Early Premium Gem.** A very fine dwarf pea of the Little Gem type, over which it is an improvement. Pkt., 5c; lb., 30c.

**Bliss' Everbearing.** A very popular pea—continues bearing about two months. Season medium to late. Pkt., 5c; lb., 30c.

**Melting Sugar.** Edible pods—can be cooked and eaten, pods and all; entirely stringless. Pkt., 5c; lb., 25c.

**Dwarf Gray Sugar.** Edible pod. Pkt., 5c; lb., 25c.

**Yorkshire Hero.** A fine late variety. Pkt., 5c; lb., 30c.

**Parsnips**

One oz. to 100 feet of drill; 5 or 6 lbs. per acre. Mature in 125 to 140 days from seed. Sow in April or early May. Cultivate the

**PARSNIP**



same as carrots. They may be dug in autumn and stored for winter use, but if left in the ground till spring are very much improved in flavor. Sow a liberal quantity of seed, as from its nature it does not always come up well.

**Long, or Hollow Crown Sugar.** Roots very long, white, smooth, tender, sugary and most excellent flavored. Very hardy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Guernsey.** Fine flavor, half oblong variety, very tender and sugary. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Short, or Round Early.** An early variety of small size, turnip shaped. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

## Pumpkin



One ounce to 30 hills; 4 lbs., per acre.

From 100 to 120 days from sowing to maturity. Pumpkins are planted frequently in connection with a crop of corn, or as a second crop after early peas, etc. The following are all thin and tender skinned varieties. The fruits are quite susceptible to frost and should be gathered and stored in a cool, dry place. If bruised, they will not keep any length of time.

**Large Cheese.** Size large; reddish orange flesh thick, fine and sweet; keeps well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**Connecticut Field.** A fine variety for dairy ranchers; an excellent keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**Cashaw, or Crook-Neck.** Solid flesh, fine and sweet; keeps well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**Japanese Pie.** The flesh is nearly solid, the seed cavity being very small, fine grained; dry and sweet, having much the taste and appearance of sweet potatoes. They ripen early, keep well and are fine for home use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Large Yellow Mammoth Potiron.** Rich, dark yellow. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

**Mammoth Tours, or Jumbo.** King of mammoths. Is very productive, often weighing 150 pounds, and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Quaker Pie.** Nearly oval; color, creamy white inside and out; flesh, sweet and rich; good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00.

**Sweet or Early Sugar.** This is the small, sweet pumpkin that has made the New England States famous for their pumpkin pies. It is very fine grained and a splendid keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

**Tennessee Sweet Potato.** A good variety for making pies and other cooking purposes. It is of medium size, of white, creamy color, and has an excellent flavor; good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c.

## Rhubarb or Pie Plant

One ounce to 500 plants.

The richer the ground is, the better. Sow in drills an inch deep, and thin out to 6 inches apart. In the fall transplant into very highly manured and deeply stirred soil, setting them 4 feet apart each way, and give a dressing of coarse manure every spring. The stalks should not be plucked until the second year, and the plant never allowed to exhaust itself by running to seed. In removing, be careful to pull off close to the roots instead of cutting.

**Linnaeus.** The earliest of all; very productive and highly flavored. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.25.

**Victoria.** Very large; later than Linnaeus. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.25.

## RADISHES

One oz. to 100 feet of drill; 10 lbs. to an acre.

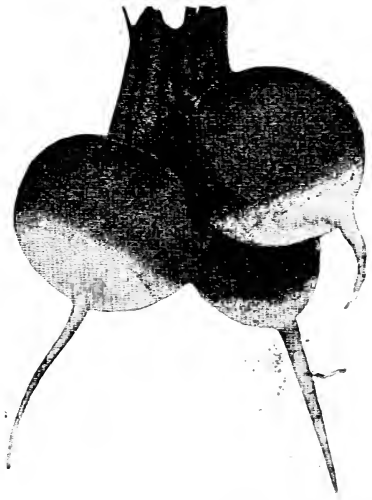
Ready in 18 to 45 days from seed, according to variety.

Radishes must make a rapid growth to be crisp and tender. For early use, sow in the hotbed, half an inch deep. For an early crop in the open ground, sow thinly in drills on rich, sandy soil, as early in the spring as it is fit to work. For succession, sow every two weeks. Sow winter sorts in July. Pull before severe frost and store in damp cellar.

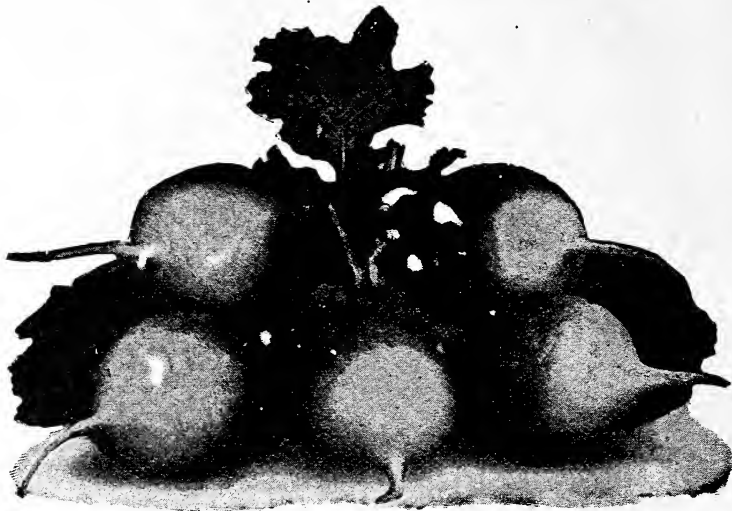
**Earliest Round Dark—(Non Plus Ultra)—(Forcing).** Its shape is of the best type of the round sorts. Color of skin is very dark red, white flesh, with very small tap root. It makes small tops, and is particularly valuable for forcing, for which we especially recommend it. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Cincinnati Market—(Glass).** The handsomest long red radish for forcing. The tops are so very small that the radishes may stand touching each other in the rows. Their attractive, glossy scarlet-colored skin is very thin, crisp and brittle; it has a clear, waxy, transparent appearance. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

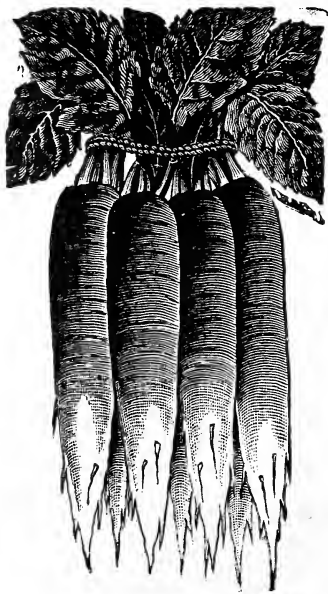
**Wood's Early Frame.** Not quite as long as the Long Scarlet; of brilliant scarlet color; mild; brittle, of fine flavor; suitable for forcing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.



Scarlet Turnip, White Tipped



**White Icicle.** The finest and longest of the early pure white varieties; is ready for use in 25 days from planting; their pure white, slender form is very attractive; they are very crisp and tender, and remain in that condition longer than any first early variety; they are equally adapted for forcing as for use in the open ground. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.



Chartier—White Tip

#### OTHER STANDARD VARIETIES

**Scarlet Turnip, White Tip.** A very popular variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Earliest Scarlet Turnip.** A small round red variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Improved French Breakfast.** Tender and crisp. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**White Olive Shaped.** A splendid pure white olive-shaped radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**White Strasburg.** A summer radish, of large size. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Improved Chartier.** Long crimson, tipped with white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Long White Vienna.** One of the best long white radishes. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**China Rose Winter.** Rose colored and a good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**Long Black Spanish.** Good keeper, black skin, white flesh. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**Early White Turnip.** Quick grower tender and brittle. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Large White Summer Turnip.** Pure white and semi-transparent. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Scarlet, Olive Shaped.** Skin dark scarlet, tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Yellow Summer Turnip.** Stands extreme heat well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Giant White Stuttgart.** Large, early, quick growing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c.

**Long, Bright Scarlet.** White tipped, early and handsome. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Round Black Spanish Winter.** Similar to Long in quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

**Large White Russian Winter.** The largest of radishes. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c.

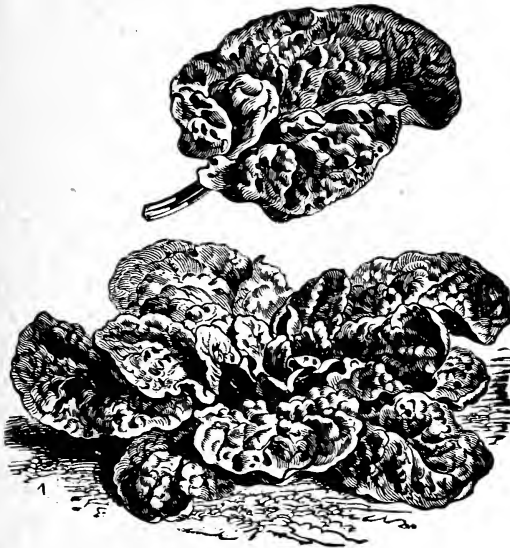
## Salsify or Vegetable Oyster

One ounce to 60 feet of drill.

Resembles a small parsnip, and, when thinly sliced and cooked is a good substitute for oysters, having a very similar flavor. It succeeds best in light, rich soil. Sow early and quite deep. The leaves, when they first appear, look like grass, making it especially important to plant in rows. Thin out and cultivate like the carrot; roots are perfectly hardy and may remain out all winter, but should be dug early in the spring; store a quantity for winter use in a cellar.

**Mammoth Sandwich Island.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 40c; lb., \$1.25.

# Spinach



One ounce to 100 feet of drill; 12 lbs. per acre. It is cultivated very extensively for "greens." A profitable crop for market. Select a rich, well-drained soil, highly manured. For a succession, sow early in April and again in May, in drills 1 foot apart and 1 inch deep, properly thinning out when plants are an inch in the leaf. For early spring use, sow early in autumn and protect the plants with a light covering of leaves or straw.

**Monstrous Viroflay.** A variety with large thick leaves, good for fall or spring sowing. Oz., 10c; lb., 40c;

**Round Dutch Leaf.** The main market sort, thick leaves, good for fall or spring sowing. Oz., 10c; lb., 40c.

**Savoy Leaved.** The leaves of this variety are large, of good substance, and curled like the Savoy cabbage; very productive. Oz., 10c; lb., 40c.

**Victoria.** This variety is of remarkably fine texture, of the deepest green color, heavily crimped, thick, fleshy leaves, deep red stem. Oz., 10c; ¼ lb., 15c; lb., 40c.

**Long Standing.** This variety has the valued characteristic of remaining a long time after maturity, without running to seed. In other respects it closely resembles the round leaf. Quality very fine. Oz., 10c; lb., 40c.

**Prickly Winter.** A very hardy variety and will stand more severe weather than any other kind with but slight protection. Seed is prickly, leaves oblong, used for fall sowing. Oz., 10c; lb., 40c.

**New Zealand.** A valuable variety for the garden as it produces the thick, tender leaves throughout the summer. Grows very large and luxuriantly in warm, rich soil. Pkt., 5c; oz., 10c; 4 ozs., 30c; lb., \$1.00.

# Squash

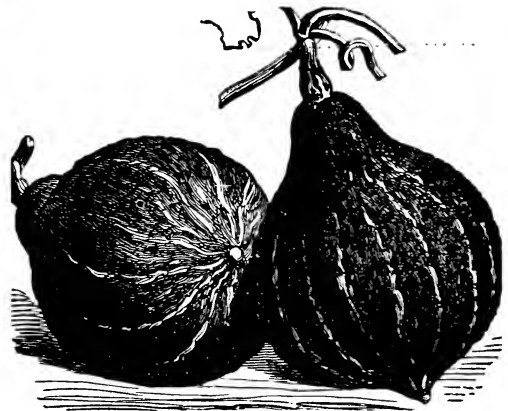
Summer and early sorts ready for use in from 50 to 65 days from planting. One oz. to 30 hills; 4 lbs. to the acre. Hills 4 feet apart each way.

Any good enriched soil is adapted to the growth of the squash. The seed should not be sown in the spring until danger from frost is past and the ground is warm and

thoroughly settled. Keep the earth about the plants loose and clean. Three plants to the hill.

Late varieties require 1 oz. to 20 hills; 6 lbs. to the acre. Hills 8 feet apart each way. From planting to maturity, 100 to 125 days. If the winter varieties are not planted until the latter part of June they are more liable to escape the ravages of the borer. Gather before injured by frost for winter use, care being taken not to break the stem from the squash, as the slightest injury will increase the liability to decay.

**Sibley, or Pike's Peak.** Shell is a pale slate color, very hard, but so smooth and thin there is no waste in baking; flesh is solid and thick, a brilliant orange color, dry and of a rich, delicate flavor. Plant plenty of seed, as they are more difficult to germinate than others. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.



Hubbard Squash

**True Hubbard.** The standard winter squash. Large, olive-shaped (see illustration), with dark green skin and very rich flesh. Almost everyone is well acquainted with Hubbard Squash. Our strain is extra fine this year. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Warted Hubbard.** Similar to the above, but larger and heavily warted. Very handsome in appearance, and an excellent keeper. It has the hardest shell of all the Hubbards. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Golden Hubbard.** Heavily warted like the above, with a rich orange-yellow skin, turning to a deep salmon-red when ripe. It is equally as productive and superior in quality, if anything, to the other Hubbards; altogether a very desirable squash. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

## OTHER STANDARD VARIETIES

**Boston Marrow.** Good for both fall and winter use. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**Mammoth Chili.** The largest of all squashes. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Vegetable Marrow.** A good English squash, oblong shape, fine flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Early Yellow Bush Scalloped.** Similar to the White Bush Scalloped. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**Early White Bush Scalloped.** An early, flat, scalloped-shaped variety; color white; fine flavored; very productive. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**Summer Crookneck.** Very early and productive. One of the best for summer use. It is small, crooknecked; color yellow, shell hard when ripe. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

## Tobacco

One ounce will sow about 25 square feet and produce plants for one acre.

**Connecticut Seed Leaf.** An old, well-known variety. Pkt., 5c; oz., 40c.

**Havana.** Best for manufacture of cigars. Pkt., 5c; oz., 40c.

## Tomatoes

One ounce to 1,500 plants,  $\frac{1}{4}$  lb. (transplanted) per acre. Matures in from 90 to 150 days from planting.

For early plants, sow seed in boxes or hotbeds in March. When the plants are about 2 inches high, transplant to 4 inches apart each way. Set out of doors as soon as danger from frost is over. Transplant carefully 4 feet apart each way, and cultivate as long as the vines will permit. To obtain early fruit, pinch off the ends of the branches when the first fruit is set.

**Livingston New Globe Tomato.** Amongst the first to ripen, of beautiful globe shape, large size, very smooth; flesh firm, has few seeds; ripens evenly. The color is of a beautiful glossy rose, tinged purple; a good cropper and one of the best for greenhouse culture or for first early crop. Pkt., 10c; oz., 40c;  $\frac{1}{4}$  lb., \$1.25.

**Livingston's Beauty.** Ripens early, has firm flesh of excellent quality, and the seed cells are very small. For shipping and early market it cannot be excelled. May be picked quite green; will ripen up nicely, look well and keep in perfect condition for a week after becoming fully ripe. Pkt., 10c; oz., 30c;  $\frac{1}{4}$  lb., 90c; lb., \$2.50.

**Livingston's New Coreless Tomato.** A new globe-shaped type, produced by Livingston. Is of rich, bright red color, heavy and meaty, and, as its name indicates, is coreless. Ripens all through; flesh very firm and is one of the most productive tomatoes yet brought out. Clusters of from four to six fruit are borne on a single stem. A good marketable fruit. Per pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

### OTHER STANDARD VARIETIES

**Spark's Earliana.** Very early and remarkable for its large size. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00.

**New Stone.** Best of all for main crop; large smooth and solid. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c;  $\frac{1}{4}$  lb., \$1.50.

**Dwarf Champion.** A popular dwarf variety. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**Early Acme.** The standard bright pink tomato. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**Ponderosa (Henderson's.)** The largest of all. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**Small Fruited Varieties.** Yellow Pear; Red Pear; Yellow Plum; Red Cherry. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**Ground Cherry.** Husk tomato, fine for preserving or for pies. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**Royal Red.** Good main crop variety. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

**Perfection.** Large red, round and smooth. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.00.

### FORCING VARIETIES

**Sutton's Best of All.** Immense cropper. Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**Comet.** Scarlet color. Pkt. 25c.

**Frogmore Select.** Bright scarlet, solid. Pkt., 15c;  $\frac{1}{2}$  oz., 30c; oz., 50c.

**Lorillard.** Bright red, fine flavor. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 30c.

**Sunrise.** A good English sort. Pkt., 25c.

**Mayflower.** Bright red, medium size. Pkt., 5c;  $\frac{1}{2}$  oz., 15c; oz., 30c.

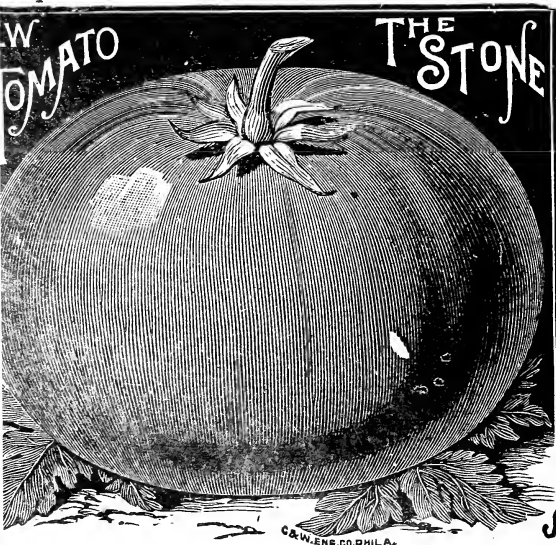
## Turnips



Ready from 40 to 60 days from seed. One oz., to 150 feet of drill; 2 lbs. to acre.

The turnip is most easily affected in form and flavor by soil, climate and mode of culture. Sow in drills about 16 inches apart, and half and inch deep, or sow broadcast, but in either case be sure to have the ground rich and freshly dug. Be careful to weed and thin out, so the young plants will not be checked and injured. Get the spring crop started very early so that the turnips may have time to grow before the hot weather causes them to become tough and strong. Sow for main crop from the middle of July to the last of August. In the field, turnips are generally sown broadcast, though much larger crops are obtained by drill culture.

The simplest method of keeping root crops in good condition for winter use: Store in cool cellar in boxes, etc., and cover with dry sand or fine soil, thus excluding the air. They will keep as solid as when freshly dug, and are ready for use at any time.



**Red Top Globe.** Globe shape, large, firm in texture, juicy, and of exceedingly quick growth, very hardy and productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**White Globe.** It is one of the most productive kinds. In good, rich soil the roots will frequently grow to 12 pounds in weight; it is of the most perfect globe shape, skin white and smooth, leaves dark green and of strong growth. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Early White Egg.** A quick-growing variety, perfectly smooth and nearly egg-shaped. In color it is pure white, of extraordinary firmness and solidity; grows about half out of the ground; has small top and rough leaves. The flesh is very sweet, firm and delicious. Our special stock of White Egg Turnip is acknowledged by gardeners to be the best in Denver. Do not take chances with cheaper seed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

#### OTHER STANDARD VARIETIES

**Purple Top Strap Leaf.** A well-known standard variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Extra Early Purple Top Milan.** The earliest turnip. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.



Extra Early White Milan

**Early White Milan.** A rapid grower and very handsome. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50c; lb., \$1.50.

**Snowball.** Best white turnip for table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**Cow Horn.** Grows large; fine for fall or winter use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.00.

**Golden Ball.** The best yellow turnip for table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Yellow Aberdeen.** The best yellow turnip for stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Early White Top. Strap Leaf.** Flat and early. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Amber Globe.** Fine for table or stock. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c.

**Westbury Swede.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Laing's Improved.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

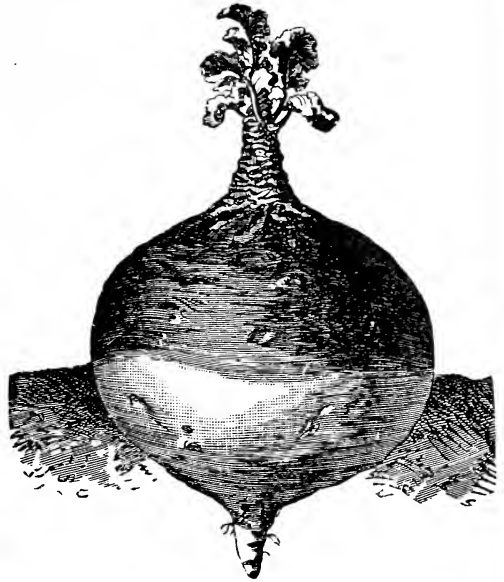
**Skirving's Purple Top.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Sweet German.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Shamrock Swede.** Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.

**Bangholm.** An improved strain of Purple Top Rutabagas; an excellent variety, both in shape and quality. The roots are of large size,

oblong, globular shaped, with small neck, yellow flesh; very dark purple top. A large cropper; superior to all other rutabagas. Postpaid: Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 75c.



RUTABAGAS

## Herbs

The following medicinal herbs are so well known they need no special description. What is more healthful than Fennel, Sage or Anise tea? Herbs are also much used for flavoring; very desirable for an unused corner of the garden.

Anise. Pkt., 10c; oz., 15c.  
 Balm. Pkt., 10c; oz., 25c.  
 Caraway. Pkt., 10c; oz., 15c.  
 Dill. Pkt., 10c; oz., 20c.  
 Fennel, Sweet. Pkt., 10c; oz., 15c.  
 Horehound. Pkt., 10c; oz., 30c.  
 Lavender. Pkt., 10c; oz., 25c.  
 Marjoram, Sweet. Pkt., 10c; oz., 40c.  
 Rosemary. Pkt., 10c; oz., 40c.  
 Sage. Pkt., 10c; oz., 50c.  
 Summer Savory. Pkt., 10c; oz., 20c.  
 Thyme, Broad Leaf. Pkt., 10c; oz., 50c.  
 Wormwood. Pkt., 10c; oz., 40c.  
 Basil, Lettuce-Leafed. Pkt., 10c; oz., 25c.  
 Borage. Pkt., 10c; oz., 25c.  
 Saffron. Pkt., 10c; oz., 25c.  
 Coriander. Pkt., 10c; oz., 25c.  
 Catnip. Pkt., 10c; oz., 35c.  
 Pennyroyal. Pkt., 10c; oz., 75c.  
 Sorrell. Pkt., 10c; oz., 20c.  
 Tansy. Pkt., 10c; oz., 50c.  
 White Poppy. Pkt., 10c; oz., 20c.

#### USEFUL TABLES

Showing Number of Pounds to the Bushel and Amount of Seed Necessary for an acre.

	No. lbs. to bu.	No. lbs. to acre.
Alfalfa.....	60	20 to 30
Alsike, Clover.....	60	6 to 8
Barley.....	48	48 to 96
Beans.....	60	75 to 100
Buckwheat.....	52	25 to 50
Broom Corn.....	46	10 to 12
Brome Grass.....	14	25 to 40
Blue Grass, Kentucky.....	14	25 to 30
Blue Grass, English.....	14	36 to 48
Cane in Drills.....	50	6 to 8



	No. lbs. to bu.	No. lbs. to acre
Cane for Fodder, broadcast..	50	100 to 150
Clover, Red.....	60	12 to 15
Corn.....	56	8 to 10
Corn on Ear.....	70	
Cow Peas.....	60	60 to 90
Flax.....	56	28 to 42
Hemp.....	44	30 to 60
Kaffir Corn.....	50	50 to 100
Millet.....	50	25 to 50
Oats.....	32	32 to 64
Onion Sets, bottom.....	32	
Onion Sets, tops.....	28	
Orchard Grass.....	14	25 to 30
Pearl Millet.....	56	5 to 8
Peas, field or smooth garden	60	90 to 120
Peas, wrinkled.....	56	
Peanuts.....	24	24 to 30
Potatoes, Irish, good measure	60	480 to 600
Potatoes, Sweet.....	50	
Rape.....	60	5 to 6
Red Top.....	14	20 to 30
Rye.....	56	72 to 90
Rye Grass, Perennial.....	24	50 to 60
Wheat.....	60	60 to 90
Speltz or Emmer.....	40	80 to 120
Timothy.....	45	15 to 20
White Clover.....	60	6 to 8

Table Showing the Number of Plants or Trees to the Acre at Given Distances.

Dist. Apart	No. Trees.	Dist. Apart	No. Trees.
1 foot.....	43,500	9 feet.....	537
1 ½ feet.....	19,360	12 feet.....	302
2 feet.....	10,890	15 feet.....	193
2 ½ feet.....	6,960	18 feet.....	134
3 feet.....	4,840	21 feet.....	98
4 feet.....	2,632	24 feet.....	75
5 feet.....	1,740	27 feet.....	59
6 feet.....	1,210	38 feet.....	40

## Flower Seeds

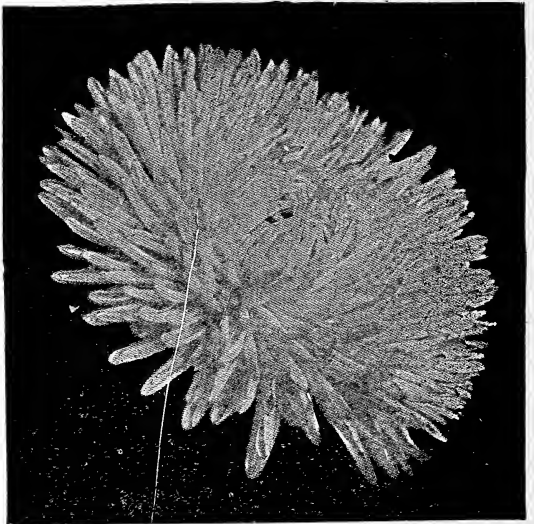
All Flower Seeds Are Postpaid.

IT WILL PAY YOU TO READ THE FOLLOWING CAREFULLY

**General Culture.** A rather light and moderately rich soil thoroughly spaded, is most desirable. That the tiny seedlings may be seen and the weeds removed, it is better to plant all flower seeds in rows. Sow the seed evenly in the rows, cover with the finest of soil, about three times the diameter of the seed, and press the soil firmly over the seed. The soil should never become dry after the seeds have swelled, for if it does, they will be pretty sure to fail. Do not grow the plants too thick. Keep the weeds down and the surface of the soil well stirred with a hoe or rake during the summer, especially if the weather is dry. A great many varieties can be sown in the house, if desired early, and afterwards transplanted. Most plants will continue to bloom much longer if the flowers are picked, and not allowed to form seed.

Acrolinium, (Everlasting), Annual, mixed..	\$0.05	Pkt.
Aconitum (Monkshood), perennial.....	.05	
Abronia (Umbellata).....	.10	
Adonis (Pheasant's Eye).....	.05	
Adlumnia (Allegheny Vine).....	.10	
Agrostemma, annual.....	.05	
Agrostemma, perennial.....	.10	
Anemone Coronaria (Wind Flower).....	.05	
Asphodel, perennial.....	.10	
Ageratum, Annual, Mexicanum, light blue	.10	
Alyssum, Sweet, pure white, oz., 25c; ½ oz.,		
15c.....	.05	
Alyssum, Little Gem; oz., 40c; ¼ oz., 15c.	.05	
Alyssum Saxatile Compactum, yellow per-		
ennial.....	.05	
Amaranthus Tricolor, Joseph's Coat, Annual,		
¼ oz., 15c.....	.05	

Amaranthus, Candatus, (Love Lies Bleed-	Pkt.
ing).....	.10
Antirrhinum (Snapdragon), dark rose; ¼	
oz., 25c.....	.10
Antirrhinum (Snapdragon), yellow; ¼ oz.,	
25c.....	.10
Antirrhinum (Snapdragon), scarlet; ¼ oz.,	
25c.....	.10
Antirrhinum (Snapdragon), white; ¼ oz.,	
25c.....	.10
Antirrhinum (Snapdragon), carmine-yellow;	
¼ oz., 25c.....	.10
Antirrhinum, mixed; ¼ oz., 20c.....	.05
Asters, Heart of France.....	.15
Asters, Giant Comet, mixed.....	.15
Asters, Daybreak, shell pink, ½ oz., 25c	.10
Asters, Royal Striped, very odd; ½ oz., 35c	.10
Asters, Crown or Corcordeau.....	.10
Asters, Peony Flowered, Double.....	.10
Asters, Perfection, mixed.....	.10
Asters, China, mixed.....	.10
Asters, Semple's Branching, mixed.....	.10
Asters, Mikado, pink or Rochester.....	.15
Asters, Mikado, white.....	.15
Asters, Cregos Flower, pink.....	.15
Asters, Crimson King.....	.20



Asters, Violet King.....	.20
Asters, Lavender Gem.....	.15
Asters, Pink Beauty.....	.15
Asters, Queen of the Market, white.....	.15
Asters, Queen of the Market, pink.....	.15
Asters, Queen of the Market, deep rose.....	.15
Asters, Queen of the Market, light blue.....	.15
Asters, Queen of the Market, dark blue.....	.15
Asters, Queen of the Market, mixed.....	.15
Asters, Perennial.....	.10
Asterum, a new race of Asters, resembling	
Chrysanthemums; white, lavender and	
pink, mixed.....	.10
Bachelor's Button, mixed, ½ oz., 15c.....	.10
Balsam, Double Camelia Fl., mixed; ¼ oz.,	
20c.....	.10
Balsam, Double, Tall, mixed.....	.10
Balsam, Double, Dwarf, mixed.....	.10
Balsam Apple.....	.10
Balloon Vine.....	.10
Beans, Scarlet Runner; lb., 45c; ¼ lb., 15c	.05
Beans, White Runner Papillo.....	.10
Begonias, Tuberous Rooted, mixed; original	
pkts.....	.25
Calendula (Pot Marigold), Annual.....	.05
Calliopsis, Annual, mixed colors.....	.05
Canterbury Bells, medium, mixed, single.....	.10
Canterbury Bells, medium, mixed, double.....	.10
Canterbury Bells, perennial.....	.10
Canary Bird Flower, beautiful climber.....	.10
Cardinal Climber.....	.15

# Flower Seeds

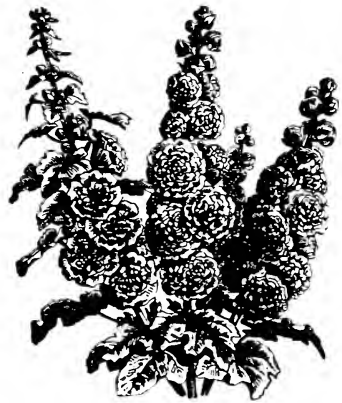
**(All Postpaid)**

	Pkt.
Canna, Indian Shot, Tender Perennial, mixed	.05
Candytuft, Giant Empress, large white	.05
Candytuft, dark purple	.05
Candytuft, all colors, mixed; oz., 15c	.05
Carnation, Marguerite, mixed	.15
Catchfly (Silene Compacta), Annual, mixed, ½ oz., 15c	.05
Castor Beans, Dwarf	.05
Castor Beans, Zanzibariensis, Giants, oz., 25c	.05
California Poppy, choice, mixed; oz., 25c	.05
California Poppy, Golden West	.10
California Poppy, Burbank's Crimson	.15
Cineraria, Tender Pot Perennial	.25
Clarkia, Pulchella, Double, mixed	.05
Centaurea Imperialis, Annual, mixed	.10
Centaurea Moschatris, mixed	.10
Centaurea Marguerite, mixed	.10
Centaurea Suavolens, mixed	.10
Centaurea Cyanus, Bachelor's Button, mixed	.10
Centaurea Blue	.10
Centaurea Emperor William, Cornflower	.10
Centaurea Dusty Miller, Candidissima	.15



Centaurea Dusty Miller, Gymnocarpa . . .	.15
Cleome (Spider Plant), Rocky Mountain	
Bee Plant, cultivated extensively for bees;	
¼ lb. 60c; oz., 20c . . . . .	.05
Coleus, Tender Perennial, mixed . . . . .	.25
Cosmos, Early Flowering, white; ½ oz., 30c	.10
Cosmos, Early Flowering, pink; ½ oz., 30c.	.10
Cosmos, Early Flowering, crimson; ½ oz.,	
30c . . . . .	.10
Cosmos, Early Flowering, mixed; oz., 40c	.10
Cosmos, Giant Late Flowering, mixed; oz.,	
25c . . . . .	.10
Cosmos, Bodger's new Double-Crested, this	
is wonderfully beautiful, mixed . . . . .	.15
Dahlia, Double, mixed . . . . .	.10
Dahlia, Single, mixed . . . . .	.10
Chrysanthemums, Double, mixed; ½ oz.,	
15c . . . . .	.10
Chrysanthemums, Burrideanum, mixed . .	.10
Chrysanthemums, Frutescens, Paris Daisy,	
white . . . . .	.10
Cobaea Scandens, Tender Climber, purple	
and white . . . . .	.10
Coreopsis, Lanceolata, Grandiflora, Peren-	
nal . . . . .	.10

	Pkt.
Columbine, Rocky Mountain, Aquilegia	
Coerulea; ½ oz., 35c	.10
Columbine, Hortensis, Double mixed	.10
Columbine, Golden Spur	.10
Columbine, Grandiflora Alba, white	.10
Cypress Vine, Tender Annual Climber, mixed; ½ oz., 20c	.05
Cockscomb Plumosa, Feathered, Annual, mixed	.05
Cockscomb, Tall, mixed	.05
Daisy, English Bellis Perennis, Double, pink	.10
Daisy, English Bellis Perennis, Double white	.10
Daisy, English Bellis Perennis, mixed	.10
Daisy, Paris, Marguerite, white	.10
Daisy, Burbank's Shasta, Alaska, white	.20
Daisy, Shasta, California, yellow	.20
Daisy, Shasta, Westhalia	.20
Daisy, Shasta, Monstrosum	.20
Demorphothea Aurantiaca Hybrida (Gold- en Orange)	.15
Delphinium (Perennial Larkspur) mixed	.05
Feverfew, Half Hardy Perennial, white, double	.10
Four O'Clock, Annual, mixed; oz., 20c	.05
Forget-Me-Not (Myosotis), blue; ¼ oz., 20c	.05
Fox Glove (Digitalis), Hardy Perennial, mixed	.10
Gaillardia, Annual Varieties, mixed	.05
Gaillardia, Perennial, Grandiflora, mixed	.10
Gilia, Annual, mixed colors; ½ oz., 15c	.05
Geranium, Double, mixed	.15
Geranium, Single, mixed	.05
Gloxinia Hybrida	.25
Godetia, mixed	.10
Gourds, Dipper; oz., 20c	.05
Gourds, Nest Egg, oz., 20c	.05
Gourds, Hercules Club; oz., 20c	.05
Gourds, ornamental varieties, mixed, large or small	.05
Gourd, Calabash, Dutchman's Pipe	.10
Gypsophila, Elegans, Angel's Breath, An- nual	.05
Gypsophila, Paniculata, Baby's Breath, Perennial	.10
Gypsophila, Paniculata, Double	.25
Gomphrena, Globe Amaranth, Everlasting, mixed	.05
Heliotrope, Tender Perennial mixed colors	.10



Hollyhock, hardy perennial, double, white	.10
Hollyhock, hardy perennial, double, pink	.10
Hollyhock, hardy perennial, double, crimson	.10
Hollyhock, hardy perennial, double, yellow	.10
Hollyhock, hardy perennial, all colors, mixed	.10
Hyacinth Bean, Tender Climber, mixed colors	.05
Ice Plant, Tender Annual	.05
Japanese Hops, Hardy Annual Climber, self-sows	.05
Job's Tears, Annual, Ornamental Grass; oz., 15c.	.05
Kochia, Mexican Burning Bush, Summer Cypress	.10
Kenilworth Ivy	.10

Flower Seeds

(All Postpaid)

Kudzu Vine (Jack and the Beanstalk).....	Pkt. .10
Larkspur, Annual, Double, Tall Branching, mixed.....	.05
Larkspur, Annual, Dwarf German, double.....	.05
Lantana, Tender Perennial, mixed.....	.10
Lavender, Vera, Perennial.....	.10
Lathyrus, Perennial Sweet Peas, mixed.....	.05
Lemon Verbena.....	.10
Linum, Scarlet Flax, Annual, ½ oz., 15c.....	.05
Lobelia, Half Hardy Annual, Compacta, blue.....	.10
Marigold, Tall African, Double, mixed; ½ oz., 15c.....	.05
Marigold, Dwarf French, Double, mixed; ½ oz., 15c.....	.05
Mimulus moschatus, Musk Plant, Tender Perennial.....	.10



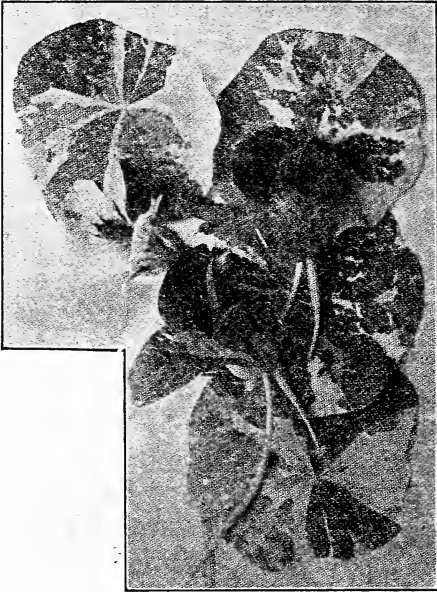
Mignonette, Giant Machet, ¼ oz., 15c....	.05
Mignonette, Reseda Odorata; ½ oz., 20c..	.05
Mignonette, Grandiflora, Sweet; oz., 15c..	.05
Maurandia, Tender Climber for Window Boxes.....	.15
Mourning Bride, Scabosia, Double, Tall, mixed.....	.05



Morning Glory, Tall, all colors, mixed; oz., 15c.....	.05
Morning Glory, Dwarf, mixed colors.....	.05
Morning Glory, Imperialis Japanese, large mixed; ½ oz., 25c.....	.10
Moon Flower, Tender Annual Climber, white.....	.10

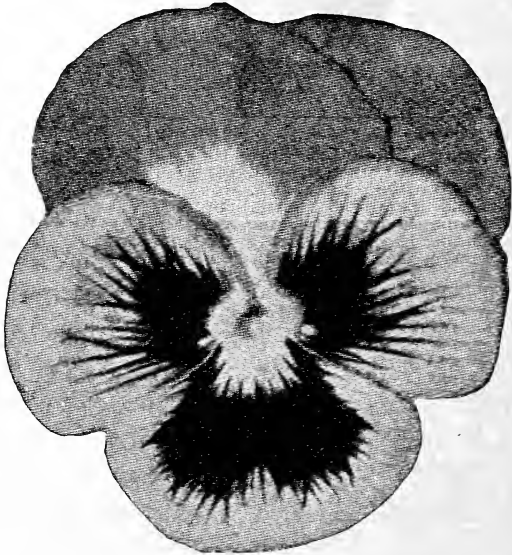
Moon Flower, Tender Annual Climber, sky blue.....	Pkt. .10
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Nasturtiums



Dwarf Varieties, mixed; ¼ lb., 45c; 2 oz., 25c; oz., 15c; ½ oz., 10c.....	.05
Tall Varieties, mixed; ¼ lb., 45c; 2 oz., 25c; oz., 15c; ½ oz., 10c.....	.05
Nemophillia (Love Grass).....	.05
Nigella, Annual, mixed of blue and white; ½ oz., 15c.....	.05
Nicotiana, Affinis, white flowers, ½ oz., 25c	.10
Nicotiana, Affinis, Hybridia.....	.10
Nicotiana, Sandarene.....	.15

Pansy





Giant Trimardeau, King of the blacks; $\frac{1}{8}$ oz., 40c.	Pkt. .10
Giant Trimardeau, Emporor William, blue $\frac{1}{8}$ oz., 40c.	.15
Giant Trimardeau Meteor, fiery brown; $\frac{1}{8}$ oz., 40c.	.10
Giant Trimardeau, Giant Purple, royal purple; $\frac{1}{8}$ oz., 40c.	.10
Giant Trimardeau, pure white; $\frac{1}{8}$ oz., 40c.	.10
Giant Trimardeau, golden yellow, dark eye; $\frac{1}{8}$ oz., 40c.	.10
Giant Trimardeau, mixed; oz., \$2.00; $\frac{1}{4}$ oz., 60c.	.10
Cassier's Giant, three and five blotch	.15
Western Beauty, Fine large, mixed	.25
Perfection, mixed	.10
Ordinary Mixed; $\frac{1}{4}$ oz., 25c; $\frac{1}{8}$ oz., 15c	.05



Petunias, Double, mixed, very fine seed	.25
Petunias, Single, mixed; $\frac{1}{4}$ oz., 25c	.05
Petunias, Rosy Morn, New, Single, pink; $\frac{1}{4}$ oz., 45c	.15
Petunias, Giants of California, large, fine mixed	.25
Phlox Drummondii, Annual, mixed; $\frac{1}{4}$ oz., 15c	.05
Phlox Drummondii, Grandiflora, mixed; $\frac{1}{4}$ oz., 25c	.10
Perennial Phlox, Hardy, mixed	.10
Passion Flower, a beautiful tender climber	.10

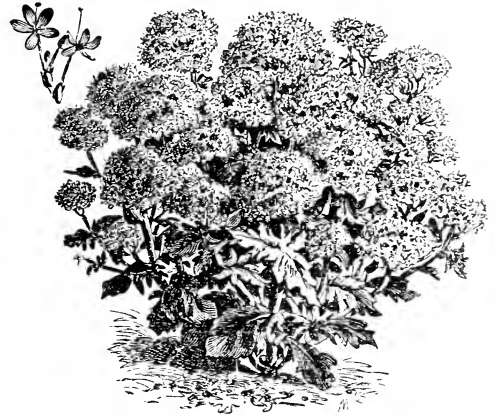
## Pinks

Chinesis, Double Chinese, mixed; $\frac{1}{4}$ oz., 15c	.05
Imperialis, Double Imperial, mixed; $\frac{1}{4}$ oz., 15c	.05
Heddeewiggi, Single and Double, mixed; $\frac{1}{4}$ oz., 20c	.05
Grass, Clove or Perennial Hardy Pinks	.10
Picotee, Perennial	.10

## Poppies

Single Mixed, many varieties; oz., 15c	.05
Double Mixed, very showy; oz., 20c	.05
Shirley, Single, Large, many colors; oz., 30c	.10
Tulip Poppy, Large, glowing scarlet; oz., 35c	.10
Iceland, Perennial, Small Flowers, mixed	.10
Oriental, Perennial, beautiful crimson	.10
Portulaca, Rose Moss, Double, mixed	.10
Portulaca, Rose Moss, Single, mixed	.05

Pyrethrum Aureum, Golden Feather; $\frac{1}{4}$ oz., 20c	Pkt. .05
Primrose, Primula, English Yellow, Single	.15
Primrose, Primula Sinesis, Chinese Primrose	.15
Salpiglossis, Velvet Flower, mixed; $\frac{1}{4}$ oz., 20c	.10
Salvia, Flowering Sage, Splendens, scarlet	.10
Sensitive Plant, a Tender Annual	.10
Smilax, a Tender Perennial Climber; $\frac{1}{4}$ oz., 15c	.10
Stocks, Ten Weeks, mixed	.10
Sweet Sultan, a variety of Centaurea, mixed	.10
Sweet William, Single, mixed; $\frac{1}{4}$ oz., 15c	.05
Sweet William, Double, mixed; $\frac{1}{4}$ oz., 25c	.10
Sunflower, Fancy, mixed, many kinds; oz., 15c	.05
Sweet Violets, Hardy Perennial, blue	.10
Sweet Violets, Hardy Perennial, white	.10
Thunbergia, Climbing Black-Eyed Susan	.10



Valeriana, (Garden Heliotrope), mixed	.05
Verbenas, Mammoth Flowered, mixed; $\frac{1}{4}$ oz., 40c	.10
Verbenas, Good, mixed; $\frac{1}{4}$ oz., 25c	.05
Verbena, Mammoth, scarlet, Defiance	.10
Verbena, Mammoth, purple	.10
Verbena, Mammoth, pink	.10
Verbena, Mammoth, blue	.10
Verbena, Mammoth, white	.10

## Violet (Viola)



Violet (Viola), Pure White	.10
Violet (Viola), Blue, very fine	.10
Violet (Viola), Sweet Scented English	.10
Virginia Stock, Annual	.05
Virginia Stock, Annual, white	.05
Wallflower, Double, mixed, English Seed	.10

Wallflower, Single, mixed; ½ oz., 15c.....	Pkt.	.05
Wild Cucumber, Vigorous Climber; ¼ lb., 40c; oz., 15c.....		.05
Wild Flower Garden Mixture; oz., 15c.....		.05
Water Lily (Nymphaea), white.....		.10
Water Lily (Nymphaea), violet.....		.10
Zinnias, Striped, Double, mixed; ¼ oz., 15c.....		.10
Zinnias, Giant Mammoth, Double, mixed; ¼ oz., 25c.....		.10

## Vegetable Plants

These prices do not include postage. Vegetable plants do not carry well by mail. However, if they must go by mail, add postage, averaging 5c per dozen, 15c per 100.

	Per 12	100	1,000
Early Cabbage Seedlings, ready in April.....	\$0.15	\$0.75	\$4.50
Early Red Cabbage.....	.15	.75	..
Early Cauliflower, ready in April.....	.30	1.50	8.00
Tomatoes, Seedlings, ready in May.....	.25	.75	4.00
Tomatoes, once transplanted.....	.35	1.00	5.00
Peppers, transplanted, ready May 15th.....	.30	1.00	6.00
Egg Plants, from hot bed.....	.35	2.50	..
Celery, Early, ready in May.....	.10	.50	3.50

### Late Vegetable Plants

Late Cabbage, in bundles.....	.10	.50	3.50
Late Cauliflower, in bundles.....	.30	1.50	8.00
Late Celery, ready in June.....	.10	.50	3.50
Sweet Potato plants, in bundles of 100.....	.15	1.00	7.50

## Vegetable Roots

	Per 12	100	1,000
Asparagus, popular varieties, 2 years old.....	\$0.60	\$2.00	\$13.50
Postage extra, 25c for 1 year and 35c per 2 year, per 100.			

	Per 12	100	1,000
Rhubarb Roots; each, 10c.....	\$1.20	\$7.00	..
Postage extra, 25c for 1 year and 35c for 2 year, per 100.			

	Per 12	100	1,000
Horse Radish (by mail, 5c per doz. extra).....	\$0.25	\$1.00	\$7.50
Chives; each 15c (by mail, 5c each extra; per 12.....			\$1.50
Catnip Roots; each, 20c; by mail.....			.25
Mint Roots; each clump, 25c; by mail.....			.35
Sage; 1-year clumps, 25c; by mail.....			.35
Tarragon; per clump, 25c; by mail.....			.35
Garlic Bulbs, dry; ½ lb., 30c; lb.....			50

## Small Fruits

These varieties are all of established merit, home-grown and very suitable for our western planters.

When shipping by freight or express we can select the larger and stronger plants.

## Blackberries

	Each	Per 10
Snyder, medium size, very hardy.....	\$0.15	\$0.75
Rathburn, large, jet black.....	.15	.75
Loganberry, large, long, dark red.....	.25	2.00
Dewberry, trailing blackberry, hardy.....	.15	.80
If wanted by mail, add 5c each, 15c for 12 plants.		

## Raspberries

	Each	Per 10
Cuthbert, large, rich crimson.....	\$0.15	\$0.85
Marlboro, light crimson, very early.....	.15	.75
Kansas, large black, early, hardy.....	.15	.75
Gregg, large black cap (tips).....	.15	.75
St. Regis Everbearing.....	.15	1.00
If wanted by mail, add 5c each, 15c for 12 plants.		

## Gooseberries

	Each	Per 10
Downing, large, pale green, very sweet.....	\$0.35	\$2.50
Houghton, medium size, pale red.....	.35	\$2.50
Josselyn, very large, productive.....	.35	2.50
If wanted by mail, add 5c each; 20c for 12 plants.		

## Currants

	Each	Per 10
Cherry, large, deep red.....	\$0.30	\$2.25
Perfection, very large, bright red.....	.35	2.50
Black Naples, the standard black.....	.30	2.25
White Grape, creamy white, mild.....	.30	2.25
If wanted by mail, add 5c each; 20c for 12 plants		

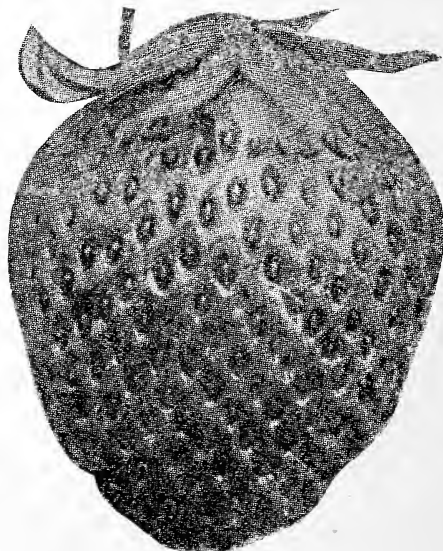
## Grapes

### Two Years Old

	Each	Per 10
Concord, standard black, very hardy.....	\$0.25	\$2.00
Brighton, the best red for the West.....	.40	3.50
Niagara, a popular white, large bunches.....	.35	2.50
If wanted by mail, add 5c each; 25c for 12 plants.		

## STRAWBERRIES

All Postpaid except by 1,000



Strawberries are a hardy plant; they do well in almost any soil or climate and are almost entirely free from disease and bugs. Buy one-year-old plants and get them into the ground as soon as you can. Before planting, dip the roots in water. Set the plant with the crown or bud at the surface of the ground.

Everbearing varieties are now the leading kinds—in fact, so much can be said in favor of varieties that produce all through the summer and fall that we are discarding many so-called standard varieties and offer the everbearing only.

We can supply the annual varieties at market prices if wanted.

For best results with strawberries, give all-day sunshine and apply nitrate of soda or fine bone meal fertilizer in June.

### PROGRESSIVE EVERBEARING

This desirable variety has been in cultivation in Colorado for several seasons. Is not a large berry but produces continuously until killed by hard freezing. A very profitable market variety.

**Bunch of 25 plants, postpaid, for 50c; 50 for 90c; 100 for \$1.75; 1,000 plants, not prepaid, \$13.50.**

## Summer Bedding Plants

This stock is grown in greenhouse in 2 2 1/2 inch pots and is ready from early April until in June. If wanted by mail, add 20c per dozen.

	Each	Doz.
Antirrhinum (Snapdragon), Assorted.....	\$0.20	\$2.00
Asters, Branching, assorted colors.....	.20	2.00
Carnations, assorted colors.....	.20	2.00
Cosmos, early flowering, mixed.....	.20	2.00
Coleus, assorted varieties.....	.20	2.00
Cobaea Scandens, rapid climber, 4-inch pot, each.....	.25	..
Chrysanthemums, perennial varieties.....	.20	2.00
Daisy, English, double, pink and white.....	.20	2.00
Feverfew, double, white.....	.20	2.00
Forget-Me-Nots, blue.....	.20	2.00
Fuchsias, single and double.....	.20	2.00
Geraniums, single and double, assorted.....	.20	2.00
Heliotrope.....	.20	2.00
Ivy, English and German.....	.20	2.00
Lobelia, blue.....	.20	2.00
Marguerites, white, also yellow.....	.20	2.00
Moonflower, white, 4-inch pot, each.....	.25	..
Petunias, single, assorted.....	.20	2.00
Petunias, double, from cuttings, 3-inch pots.....	.20	2.00
Phlox, Drummondii, Grandiflora, mixed.....	.20	2.00
Salvia, Scarlet Sage, 3-inch pots.....	.20	2.00
Stocks, German Ten Weeks, mixed.....	.20	2.00
Verbenas, Mammoth, assorted.....	.20	2.00
Violets, sweet scented.....	.20	2.00
Vincas, for hanging baskets.....	.20	2.00
The following can be supplied also in neat baskets, roots wrapped, or in soil.		
Alyssum, white, per basket of 12.....	\$0.75	
English Daisy, pink and white, per basket of 12.....	1.00	
Forget-Me-Nots, blue, per basket of 12.....	.75	
Lobelia, blue, per basket of 12.....	1.00	
Pansy Plants, selected colors, per basket of 12.....	.60	
Pansy Plants, average stock, per basket of 12.....	.50	
Violets, blue, sweet scented, per basket of 6.....	1.00	

## Summer Flowering Plants—Tender

All bulbs are prepaid unless notated otherwise.

## Caladiums

### Elephant's Ears

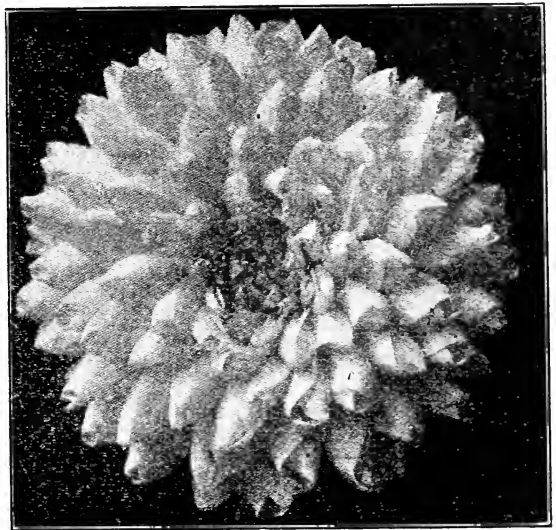
Good averaged sized bulbs, dormant; each 20c; 2 for \$0.35.

## Cannas

### All Up-to-Date Varieties

**Prices:** Single bulb, 15c; 3 for 40c; 12 for \$1.50.

Austria, bright lemon yellow with red spots.  
 Flambeau, green foliage, vermillion orange, 5 to 6 feet.  
 Indiana, orchid flower of fiery, velvety orange, 5 feet.  
 King of Bronzes, rich red, bronze foliage, 6 to 7 feet.  
 King Humbert, largest scarlet, streaked gold, 3 1/2 feet.  
 Louisiana, large, deep, crimson, crinkly edge, 5 to 6 feet.  
 Mephisto, darkest red of all cannas, 3 to 5 feet.  
 Moonlight, small, creamy white, green foliage, 4 feet.  
 Venus, combination of pink and gold, lovely, 3 to 4 feet.  
 West Grove, deep cerise pink with green foliage, 4 feet.  
 Mixed Cannas, all colors, each; 10c; 12 for 60c.  
 Order your Canna bulbs early in March and April, thus getting them well started by planting time.



## Dahlias

If possible, plant in an open, sunny situation. Prepare the soil thoroughly by deep digging. Be moderate in the use of both manure and water. Never plant when the soil is wet. Lay the tuber flat on its side and cover it four inches deep, pressing the soil firmly on the tuber. Keep the soil loose and mellow by frequent hoeing, drawing the soil to a slight hillock around the plant.

Tall growing varieties may be kept fairly dwarf by pinching out the tip when the first shoot is six inches high. All varieties growing above four feet should be tied to stout stakes to hold them in position.

3x3 feet is about the proper distance to plant apart.

Keep all dead flowers trimmed off.

Dahlia blooms keep much better if cut in the evening—about sunset—and the less foliage taken off with the flowers, the better for both plant and flower. If green is desired, use some other green of better keeping qualities.

After frost has killed the tops, dig the tubers carefully, remove the soil from the roots, and store away in a box or barrel secure from frost. As a precaution it would be well to cover the tubers so stored with sand, leaves or moss.

## Decorative and Show Dahlias

**D. M. Moore.** A flower of mammoth size, produced in profusion on long, stiff stems. Its color is a deep velvety maroon. It has no equal in its color. 25c each; \$2.50 per dozen.

**Dr. I. B. Perkins.** An ideal white show Dahlia. Its large, pure, white flowers are borne on very long stems which hold the flower free above the foliage, excellent for both cutting and garden decorations. A healthy grower, reaching a height of five feet. 25c each; \$2.50 per dozen.

**Berch Van Heemstede.** An extra fine Dahlia of large size, fine form, good stem, and excellent keeping qualities. An early and profuse bloomer. Color, clear, rich yellow. One of the choicest Dahlias. 25c each; \$2.50 per dozen.

**Delice.** Its beautiful soft, yet lively color, a glowing rose pink, together with its perfect shape, stout, stiff stems, which hold the flowers well above the foliage, and the fact that when cut it retains its freshness longer than any variety we know of, makes this one of the most valuable for cutting and one of the most decorative sorts in the garden. 25c each; \$2.50 per dozen.

**Mary Pickford.** A show Dahlia of extremely good substance and form; stems long and graceful. The color is lemon yellow, shading to salmon pink, with a tinge of mauve. 25c each; \$2.50 per dozen.

**Mrs. J. Gardner Cassart.** A large-flowered mauve pink of a shade that is very pleasing; a fine cut flower. 25c each; \$2.50 per dozen.

**Sylvia.** Soft pink with lighter center. Long stiff stems. A profuse bloomer, fine for cutting. 20c each; \$2.00 per dozen.

**Deelighted.** Very large, pure white, combining many good qualities; stems medium. 25c each; \$2.50 per dozen.

**Princess Juliana.** Splendid Holland Decorative Dahlia. It is perfect as an exhibition flower, ideal for garden decoration and unsurpassed for cutting. Holland Dahlia specialists claim this the finest white Decorative Dahlia for cut-flower purposes, and also the best flowering. 25c each; \$2.50 per dozen.

**Mrs. Bagge.** A beautiful Dahlia in both form and color. A pleasing old rose color. Flowers are large and full, and stems long and erect. 20c each; \$2.00 per dozen.

**Mrs. Hartong.** Very large and exquisite form. Color, light fawn, suffused with pink. Very handsome. 20c each; \$2.00 per dozen.

**Jack Rose.** Brilliant crimson red, rich and glowing, similar in shade to the popular Jack Rose, which suggested its name. 20c each; \$2.00 per dozen.

**Le Grande Manitou.** The best variegated Dahlia of decorative type. The ground color white, prettily spotted, striped and blotched with deep reddish-violet; occasionally self-colored; these are borne on stout, stiff stems, held well above the foliage. 25c each; \$2.50 per dozen.

**W. W. Rawson.** An exceptionally fine large flower, produced on long stems. Color, pure white, overlaid with delicate lavender. Similar to the popular Grand Duke Alexis, but a better bloomer. 25c each; \$2.50 per dozen.

**Purple Gem.** Rich royal purple, clear and constant. This variety is a decided improvement over the old varieties. A first class flower. 20c each; \$2.00 per dozen.

**Robt. Bloomfield.** Pure white, of excellent form. Highly recommended. 20c each; \$2.00 per dozen.

**A. D. Livoni.** Rich pink, finely formed. A very handsome flower. 20c each; \$2.00 per dozen.

**Bon Ton.** A fine ball-shaped flower of deep garnet red. An extra fine Dahlia. 20c each; \$2.00 per dozen.

## Cactus Varieties

**Kreimhilde.** Shell pink, shading to white in the center. A very popular cutting variety. 25c each; \$2.50 per dozen.

**Springfield.** Red overlaid salmon. 25c each; \$2.50 per dozen.

**Brittania.** Deep salmon flesh, profuse bloomer, good stems. 25c each; \$2.50 per dozen.

**Rheinkönig.** Said to be the ideal white Cactus, which has been looked for so long. A robust, healthy grower, producing immense flowers of pure snowy white, on long stiff stems. Ideal for cutting, garden or decorative purposes. 25c each; \$2.50 per dozen.

**Golden West.** A superb flower of exceptional size; often 7 inches across. Stems long and rigid, holding the flower to full view. Color, golden, yellow, shaded to pure yellow in center. Has no superior. 50c each; \$5.00 per dozen.

**Goldland.** One of the best yellow cactus yet introduced; a splendid flower on good stiff stems, fine for cutting; early and free. 25c each; \$2.50 per dozen.

**Countess of Lonsdale.** The freest-flowering Cactus Dahlia in the collection, and perfect in form. Color, an exquisite shade of rich salmon, with just suspicion of apricot at the base of the petals. 25c each; \$2.50 per dozen.

**Charles Clayton.** The strongest words of praise are not extravagant when applied to this wonderful cactus. Stems are long, holding the flowers well above the foliage. The color is a most intense red, so vivid as to dazzle the eye. Flowers are large in size and are produced freely 25c each; \$2.50 per dozen.

## Peony-Flowered Dahlias

**Laura Barnes.** Beyond question one of the grandest peony Dahlias ever introduced. Only words of praise have come from those who grew the variety last season. The immense orange red flowers are pleasing to all. It is today one of the most popular Dahlias of recent introduction. 50c each; \$5.00 per dozen.

**Mme. Bystein.** Very beautiful, pure lilac lavender; large size and lovely form; erect, on splendid stems; one of the best. 50c each; \$5.00 per dozen.

**Isa.** Light fawn pink, changing with age to amber yellow. A free and constant bloomer. Stems very long and wiry. Very attractive for evening decoration. A queenly flower. 50c each; \$5.00 per dozen.

**Geisha.** The showiest and most attractive of this type yet introduced. Petals very long, curved and twisted. A rich combination of scarlet and gold, shaded to amber yellow. A queen among Dahlias. 75c each; \$7.50 per dozen.

**South Pole.** A new, large, white variety, rivaling "Queen Wilhelmina." It bears the blooms freely, well above the foliage, on strong erect stems. A welcome addition to the Peony class. 50c each; \$5.00 per dozen.

### DAHLIA COLLECTION

**Thirteen Dahlia Bulbs, no two alike, our choice, but not labeled, for \$1.50 postpaid. An immense amount of flowers for the money.**

## Paeonies

Fine hardy plants, rivaling the rose in perfection of bloom, color and fragrance. They are at home in any climate and soil, but thrive best in a deep, rich, well-drained loam. They make a gorgeous display planted in beds, on the lawn, or planted singly along a walk or herbaceous border. The Paeony is perfectly hardy and gen-

erally cares for itself, but it does not follow that they enjoy neglect. Give them ample room in which to grow, keeping them free from weeds and grass, and they will amply repay all the care given.

**Festiva Maxima.** A rare variety of great beauty. Exceedingly showy and of large size. Pure snowy white, flaked with small crimson spots at center. Finest white in cultivation. Each, 50c.

**Golden Harvest.** Soft pink, cream and gold, and often in the center a dainty festiva maxima, blood drops and all. One of the most prolific and sure bloomers in all the paeony family. Each, 50c.

**Queen Victoria.** A full, strong, white flower with yellowish-tinted center. Each, 35c.

**Lady Bramwell, Silvery Rose.** A most charming flower, perfect in form, compact, symmetrical and exceedingly fragrant. It is one of our fine ones. Each, 50c.

**L'Esperance.** This is an excellent variety. It is a pink rose in form and fragrance, and is especially valuable in the northern states, as it is a strong, hardy and robust plant, and often is on time for Decoration Day. Each, 35c.

**Crimson Queen.** Both petals and petaloids are of the same deep color. It is finely fringed, but the whole flower is of that solid, intense coloring. Each, 60c.

## Gladiolus

Their present popularity is sure to continue and increase, as they are, without doubt, the most attractive and useful of all summer-flowering bulbs, and, as a cut flower, through the summer and autumn months, hold a place that cannot be taken by any other flower.

All large, healthy, Colorado-grown bulbs, sure to please. Postpaid.

	Each	Doz.
America, soft lavender pink, large..	\$0.07	\$0.70
Aucusta, white with lavender markings.....	.07	.70
Glory, delicate cream pink, ruffled..	.10	.75
Mrs. Francis King, intense pink, large.....	.07	.70
Nia ara, primrose yellow, penciled carmine.....	.20	2.00
Peace, grandest of all white, large, tall.....	.20	2.00
Princes, large crimson, white throat.....	.15	1.50
The King, violet specked with crimson.....	.15	1.50

### Mixed Gladiolus

Our mixture is a grand assortment; 12 for 40c; 100 for.....\$2.50

## Oxalis

### Summer Flowering

White, also pink, separate, per doz.....	\$0.30
Dutch Crown; mixed; per dozen.....	.25

## Tuberoses

Our Excelsior Dwarf Pearl are superior. Start early indoors, then replant later; each, 10c; dozen.....\$1.00

## Hardy Garden Lilies

### All Postpaid

Auratum or Golden Banded Lily of Japan, large white with crimson spots; each, 25c; 12 for.....	\$2.50
Tigrinum Splendens, Tiger Lilies; each 20c; 3 for 50c; 12 for.....	1.50
Lily of the Valley Pips, per dozen.....	.75

## Hardy Perennial Plants

### All Postpaid

These are the popular varieties that do well in our western country. They are 1 and 2 years old.

**Prices.** Single plant, 20c; 2 for 35c; 12 for \$2.50. No extra charge for postage. When by express not prepaid, larger plants are sent.

Asters, profuse bloomer, white bright purple, lavender or red.

Chrysanthemum, Double, white, pink, yellow or crimson.

Campanula Media, Canterbury Bell, blue, white and rose.

Campanula Carpatica, Bellflower, harebell, blue and white.

Campanula Calycanthema, Cup and Saucer, assorted.

Columbine, Hybrid, Common, assorted colors.

Columbine, true Rocky Mountain, 2 and 3 year old roots.

Coreopsis, Lanceolata Grandiflora, a beautiful yellow.

Delphinium, Belladonna, turquoise blue.

Delphinium, Formosum, dark blue.

Digitalis, Foxglove, assorted colors.

Daisy, Shasta, Alaska, large white.

Gaillardia, Grandiflora, orange, red, brown and crimson.

Gypsophila, Paniculata, the well-known Baby's Breath.

Helianthus Multiflorus, Hardy Sunflower, late bloomer.

Phlox, all colors.

Poppy, Orientale, large flaming scarlet.

Pinks, Hardy Garden or Grass Pinks, assorted.

Physostegia, Dragon Head, pink and white.

Platycodon, Grandiflora, Album, Giant White Harebell.

Platycodon, Grandiflora, Giant Blue Harebell.

Penstemon, Beard Tongue Flower, assorted colors.

Pyrethrum Roseum, Daisy-like flowers.

Rudbeckia, Golden Glow, a popular yellow flower.

Sweet William, Single and Double, assorted colors.

Statice Latifolia, a popular lavender flower.

Valeriana, Garden Heliotrope, very fragrant.

## Hardy Herbaceous Perennial Plants and Roots

### For Permanent Planting in Garden, Borders, Etc.

**Columbine (Aquilegia Caerulea).** The beautiful native species, of the Rocky Mountains. Very broad flowers, three inches or more in diameter. The outer petals and long spurs are deep blue, center of flower creamy white. Grand for cutting or border work. Thrives best in the shade. Price, 25c each.

**Gypsophila Paniculata (Baby's Breath).** A beautiful perennial, possessing a grace not found in any other perennial, and attracting the eye of everyone. For cutting purposes it is exquisite, especially in combination with high-colored flowers, and some most lovely effects can be produced with it. Price, 25c each.

**Golden Glow (Double Rudbeckia).** This is decidedly one of the brightest and most showy among the hardy plants, and of the easiest culture possible. Six to eight feet high, producing numerous stems which are laden with double golden-yellow flowers, in size and general appearance resembling a cactus Dahlia. Price, 20c each.

**Garden Pinks (Dianthus).** All colors mixed. A very hardy perennial and popular among flower lovers. Start a bed from our hardy year-old roots. Postpaid, 20c each, 12 for \$2.00.

**Iris—Flag Lily.** This is one of the most desirable summer flowering plants. They bloom

in June and July and because of the great range of color are also known as "Rainbow Flower." Each, 20c; 3 for 50c; 12 for \$1.80.

**Hollyhocks. (Double Strong Field Roots).** As a background in large borders or beds of the lower growing herbaceous plants there is nothing better. The flowers, which are as elegant in shape as the camelia, form perfect rosettes of the most lovely shades. Separate colors in red, white, yellow, pink and maroon. Price, 20c each; 2 for 35c; \$1.80 per doz.

**Oriental Poppy.** This poppy is perfectly hardy. Its large, orange-scarlet flowers make it one of the most showy of all plants. Price, 20c each; \$2.00 per dozen.

**Phlox (Perennial).** It is of the easiest culture, and a good selection of colors once planted will continue to produce a wealth of flowers for many years without further care. Price, 20c each; 2 for 35c; \$2.00 per doz.

**Sweet William.** A general favorite with all. Mixed colors only; strong plants. Price, 20c each; 2 for 35c; \$2.00 per doz.

**Shasta Daisy "Alaska."** A very hardy variety, with large, handsome, white flowers. Very free bloomers. 20c each.

## Popular Climbers from Bulbs

Tender and semi-hardy varieties that do well in Colorado. All postpaid.

Cinnamon Vine, green, glossy foliage; grows 15 to 20 feet; each 15c; 3 for 40c; 12 for \$1.25  
Maderia Vine, waxy green leaves, fast grower, tender; each, 5c; 12 for .70

## Hardy Climbing Vines

No extra charge will be made for any of these hardy climbers by mail. You should order liberally.

Ampelopsis Quinquefolia, Virginia Creeper, a very quick grower; each . . . . . \$0.75  
Ampelopsis Veitchii, Boston Ivy; small foliage and clings to walls; each . . . . . 1.50  
Clematis, Jackmanii; beautiful large purple flower . . . . . 1.50  
Clematis, Paniculata, small, white; each . . . . . .75  
Clematis, Henryii, large white, each . . . . . .75  
Honeysuckle, Japan (Halleana), pure white flowers, changing to yellow; each . . . . . .50  
Honeysuckle, Scarlet Trumpet, red; each . . . . . .50  
Wistaria Vine, purple, each . . . . . .75  
Wistaria Vine, white; each . . . . . .75

## Hardy Flowering Shrubs

These are all field-grown, 2 years old, well rooted; should be transported by express; if must go by mail, the average cost is 15c each extra.

Almond, Double Flowering, rosette blossoms, pink; each . . . . . \$0.75  
Almond, Double Flowering, rosette blossoms, white; each . . . . . .75  
Almond, Double Flowering, rosette blossoms, red; each . . . . . .75  
Althea, Rose of Sharon, double red, purple and white; each . . . . . .50  
Butterfly Plant, a new, beautiful shrub producing many purplish flowers on stems; each . . . . . .50  
Calycanthus, Strawberry Shrub, double, fragrant; each . . . . . .50  
Hydrangea Paniculata Grandiflora, pinkish white; each . . . . . .75  
Honeysuckle Tartarian, red; each . . . . . .50  
Honeysuckle Tartarian, white; each . . . . . .50  
Lilac, Purple, the common purple variety; each . . . . . .50  
Lilac, White, a beautiful clear white; each . . . . . .50  
Lilac, Persian White, profuse bloomer; each . . . . . .75

Lilac, Persian Red, a bright color; each . . .75  
Spirea, Bridal Wreath, Prunifolia; each . . . .60  
Spirea Van Houttei, pure white flowers; each .60  
Snowball, Common, the popular white flower; each . . . . . .50  
Snowball, Japanese, large beautiful white; each . . . . . .85

## Hardy Ever-Blooming Roses

All outdoor-grown, two-year old stock, and many are on their own roots Ready in March April and May.

**Prices.** Single rose, 75c; 3 for \$2.00. If wanted by mail, add 5c each; 10c for three plants.

### Reds

American Beauty, bright crimson, large and fragrant.

Gen. Jacqueminot, crimson, large and fragrant.

Ulrich Brunner, large cherry red, fine form.

### Pinks

Magna Charta, bright rose pink, very fragrant

Paul Neyron, deep rose, large and very hardy.

### White

Frau Karl Druschki (White American Beauty) snow white.

Madam Plantier, pure white, sweet scented, very hardy.

### Yellow

Yellow Persian, old-fashioned, semi-double, yellow.

## Dwarf Roses

Suitable for pots and border bedding.  
Crimson Baby Rambler, a wonderful little rose.  
Pink Baby Rambler, like above except in color.  
White Baby Rambler, pure white and very fragrant.

## Hardy Climbing Roses

Crimson Rambler, bright crimson flowers in clusters.

Dorothy Perkins, beautiful deep pink borne in clusters.

Baltimore Belle, bluish white, very hardy.

Yellow Rambler, bright yellow, changing to canary yellow.

Climbing American Beauty, same color, size and fragrance as American Beauty, but of climbing habit.

## Grass and Field Seeds

Values in this line are constantly changing. We give prices here for small quantities. However, when orders are filled we will give customer benefit of the lowest market. Let us quote prices when you are ready to buy quantities.

If by mail, add postage at the regular zone rate.

All our seeds are tested. Prices subject to market changes.

## Seeds for the Lawn

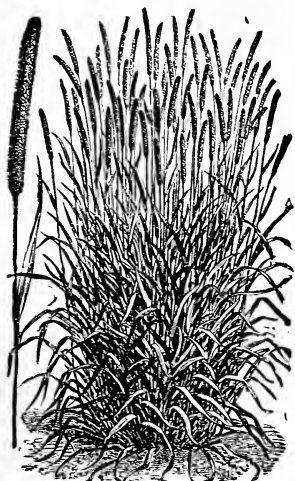
**Capitol Lawn Grass Mixture.** Our best mixture of suitable grasses and White Clover; 1 lb., 45c; 5 lb., sack, \$2.00; 10 lb., sack . . . . . \$3.80

**Kentucky Blue Grass.** Fancy, re-cleaned grade; 1 lb., 50c; 5 lbs., \$2.25; 10 lbs., \$4.25; 25 lbs. . . . . 10.00



<b>White Clover, Fancy Dutch.</b> ¼ lb., 25c; ½ lb., 40c; 1 lb., .75	
<b>Blue Grass and White Clover.</b> Mixed in suitable proportions. 1 lb., 55c; 5 lbs., 3.00	
<b>English Blue Grass.</b> (Meadow Fescue). Very hardy; 1 lb., 35c; 3 lbs., \$1.00; 10 lbs., 3.25	
<b>Perennial Rye Grass, Australian.</b> Suitable for lawns; 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., 1 90	

## Grass Seeds



	Per lb	10lbs	25lbs.
Timothy, choice western seed.....	\$0.20	\$1.60	\$3.75
Red Top, fancy hulled.....	.25	2.25	5.50
Orchard Grass, choice.....	.30	2.80	6.75
Brome Grass, Awnless, drouth register.....	.30	2.90	7.00
Sudan Grass, The new great forage crop for dry lands..	.25	2.00	4.50



Sudan Grass

## Alfalfa and Clover

Seamless sacks charged for extra at 35c each.

	Per lb.	10 lbs.	25 lbs.
Alfalfa; Fancy Domestic....	\$0.30	\$2.80	\$6.50
Alfalfa; Choice, on application.			
Alfalfa; Grimm's Hardy or Everlasting.....	.85	8.30	20.00
Alfalfa; Turkestan.....	.35	3.40	8.00



	Per lb.	10 lbs.	25 lbs.
Red Clover, Western grown	.40	3.80	9.00
Alsike Clover; Swedish Clover, Northern.....	.35	3.40	8.00
Sweet Clover; White, hulled	.40	3.25	6.25
Sweet Clover; Unhulled, clean.....	.25	2.40	6.00
Sweet Clover; yellow.....	.40	3.80	9.25
Crimson Clover.....	.30	2.80	6.50

## Millets

	Per lb.	10 lbs.	25 lbs.
Colorado Golden; dry land, very hardy.....	\$0.10	\$0.75	1.75
Siberian; Very early.....	.10	.75	1.75
Manitoba or Hog; Large seed.....	.10	.75	1.75

## Forage and Fodder Plants

	Per lb.	10lbs.	25lbs.
Early Amber Cane.....	\$0.10	\$0.75	\$1.25
Feterita.....	.10	.75	1.25
Kaffir, Corn, white.....	.10	.60	1.00
Milo, yellow.....	.10	.60	1.00
Milo, Dwarf, Straight Neck	.10	.75	1.25
Essex Rape, imported.....	.20	1.75	...
Vetches, Spring.....	.20	1.75	...

## Grain Seeds

Seamless Sacks extra at 35c each. Gunny bags weighed in.

	Per lb.	10lbs.	25lbs.
Wheat, Pedigreed Defiance.....	\$0.60	\$1.75	
Wheat, Macaroni, for dry land.....	.60	1.75	
Wheat, Marquis, new, from Dakota.....	.60	1.75	
Wheat, Fall—Turkey Red..	.75	1.75	
Wheat, Fall—Kanred.....	1.00	2.00	
Barley, Scotch.....	.60	1.50	

Barley, White Hulless.....	.75	1.75
Barley, California Feed.....	.60	1.50
Oats, Swedish Select.....	.60	1.75
Oats, New Market.....	.60	1.75
Oats, Early Kherson, Dry land seed.....	.60	1.75
Spring Rye, dry land seed.....	.75	1.75
Fall or Winter Rye.....	10	.75
Speltz, or Spring Emmer.....	.70	1.50
Flax, recleaned seed.....	20	1.50
Buckwheat.....	10	.80

## Miscellaneous Field Seeds

	Per lb.	10lbs.	25lbs.
Beans, Navy, white.....	\$0.15	\$1.40	\$3.50
Beans, Mexican or Pintos.....	.15	1.40	3.00
Black Eyed Peas.....	.20	1.75	3.75
Peas, Colorado Field.....	.10	.75	1.75
Peas, Southern Whippoorwill.....	.20	1.50	3.50
Broom Corn, Oklahoma Dwarf.....	.10	.75	1.50
Sunflower, Mammoth Rus- sian.....	.25	2.00	...
Peanuts, Spanish.....	.30	2.50	...
Peanuts, Virginias.....	.30	2.50	...
Popcorn, Spanish Pkt. 5c lb., 20c			
" White Rice, Pkt. 5c lb., 20c			
" Black Beauty, Pkt 5c lb., 20c			

## Tested Seed Corn

**Price.** Single lb., 10c; 10 lbs., 75c. If wanted by mail, add postage.

**White Australian.** 90-day flint, endures drought well.

**Minnesota No. 13.** Yellow Dent; early and good yielder.

**Swadley**—90-day dent Second choice for hardness.

**Colorado Yellow Dent.** 90-day dent; suitable for Colorado.

**Calico.** 90-day hardy; kernels are vari-colored.

**Pride of the North.** 95-day dent; yellow.

**Iowa Silver Mine.** 100-day dent; heavy yield-  
er.

THE ROTARY CORN PLANTER (Diamond) will save you much time in planting and costs only \$2.15. Weight 8 lbs.

## Seed Potatoes

It is too early in the season to make prices for large lots. Small quantities we can supply as follows: 3 lbs., 25c; 10 lbs., 75c; postage extra.

**Early Ohio.** Pink skin, oblong; early and reliable.

**Russet or Netted Burbank.** Oblong; heavy producer.

**Red Peachblow or Red McClure.** General crop variety.

**Red River.** Early Ohios; Minnesota grown.

**Early Triumph.** A good variety.

## Fertilizers

**Red Snapper Plant Food.** 8 oz., can, 25c; 2 lb. can, 50c.

**Ivy Lawn Fertilizer,** contains 5 per cent ammonia, 9 per cent available phosphoric acid, 1 per cent potash, with other valuable plant foods; 10 lbs., 50c; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lb. sack.....\$2.50

**Fine Bone Meal,** an excellent fertilizer, especially for Sweet Peas; same price as Ivy Lawn Fertilizer.

**Vegetable Grower,** suitable for all garden crops, etc.; 25 lbs., \$1.00; 50 lbs., \$1.50; 100 lb. sack..... 2.50

**Sheep Manure,** pulverized, pure; 50 lb. sack, 80c; 100 lb. sack..... 1.40

**Sterlingworth Plant Tablets;** dissolve in water; trial size, 10c; medium size (100 tablets), each, postpaid..... .25

**Nitrate of Soda;** lb., 20c; 2 lbs., 35c; 10 lbs., 1.65

## Pest Exterminators

**Peerless Bed Bug Killer.** Easy to apply; per bottle (cannot be mailed).....\$0.35

**Creosote.** Kills dandelions; ½ gal. can 50c; gal..... .90

**Poisoned Wheat.** 1 oz., pkg. 15c; ¼ lb. pkg..... .35

**Sterlingworth Weed Killer.** In cans, 40c; by mail..... .50

**Cut Worm Killer.** A prepared powder. 1 lb. can, 35c; 5 lbs..... 1.25

**Rat Corn.** It mummifies them; per can, 25c; by mail..... .28

**Peterman's Roach Food.** 2 oz. pkg., 15c 4 oz. pkg..... .25

**Peterman's Ant Food.** 2 oz. pkg., 15c; 4 oz., pkg..... .25

**Peterman's Moth Food.** Odorless. 2 oz. tin, each..... .20

**Knocks-Them-All-Spray.** Exterminates cock roaches, bed bugs, moths, roaches, lice, mites, fleas, etc. Does not stain linen. Pt. can, 40c; qt., 75c; ½ gal., \$1.45; gal..... 2.45

**Flyosan.** Kills flies, mosquitos, moths. Keeps flies from stock. Liquid Pint, 75c; quart can..... 1.25  
(Cannot be mailed).

**Whitaker's Dip and Disinfectant.** A coal tar product, soluble in water; pt. can, 40c; qt. can, 75c; ½ gal. can, \$1.10; gal.. 1.75

**Dead Shot.** For bed bugs, cock roaches and other vermin; ½ pt. can, 25c; pt. can .50

**Rat Biscuit Paste.** In tubes, 25c each; by mail..... .30

**Rat Biscuit.** In pkgs., each 25c. by mail.. .30  
Please note liquids cannot be mailed.

## Insecticides

Our goods all comply with requirements of the United States Insecticide Laws. Liquids should be sent by express.

**Arsenate of Lead,** Powder form; ½ lb., 30c; lb., 50c; 5 lbs., \$2.00; 10 lbs.....\$3.90

**Bowkers Pyrox.** Paste; 1 lb jar, 50c; 5 lb. drum, \$2.25; 100 lbs..... 22.50

**Calcium Arsenate;** 1 lb., pkg..... .50

**Paris Green;** ¼ lb. pkg., 25c; ½ lb. pkg., 40c; lb. pkg., 75c; 2-lb. pkg., \$1.45; 5 lb. pkg., (not by mail)..... 3 00

**Formaldehyde,** standard strength, lb. bottle, (can't be mailed)..... .75

**Blue Vitrol,** sulphate copper; lb., 25c; 5 lbs .85

**Dry Bordeaux Mixture;** 1 lb..... .40

**Kerosene Emulsion,** liquid; qt., 50c; ½ gal., 90c; gal..... 1.25

**Coroleum.** Trial bottle, 30c; pt., 50c; qt., 90c; 2 qts., \$1.15; gal..... 1.75

**Lime and Sulphur Solution.** Qt., 50c; gal., 90c; 5 gals..... 4 00

**Whale Oil Soap (Fish Oil)** ¼ lb. carton, 15c; ½ lb. carton, 20c; 1 lb. carton.... .30

**Grafting Wax;** ½ lb., 25c; 1 lb..... .50

**Carco**—to eradicate Cut Worms; qt. can. 1.00

**Red Snapper Plant Soap;** 8 oz. pkg..... .25

**Magic Sticky Tree Cord;** per pkg..... .25

**Magic Sticky Fly String;** per pkg..... .15

**Persian Insect Powder;** 1 oz., 15c; ¼ lb., 50c; ½ lb..... .90

**Fire Tree Oil;** ½ pt. can..... .75

**Slugshot, Hammond's;** lb., 20c; 5 lb. pkg., by express, 75c; 10 lbs..... 1.25

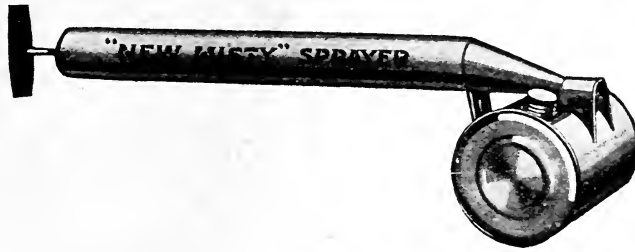
**Sulphur, Powdered, Fine;** lb., 15c; 4 lbs. .50

**Tobacco Dust;** lb., 10c; 5 lbs., 50c; 10 lbs. .50

**White Hellebore;** ½ lb. pkg., 50c; 1 lb., .85

pkg..... .90

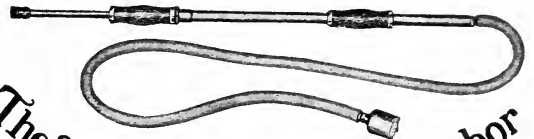
# Sprayers and Spray Pumps



<b>No. 1B Auto Compressed Air Sprayer.</b> Capacity 5 gallons; galv. tank; each....	\$8.50
With brass tank, each.....	10.00
<b>No. 5. Auto Brass Sprayer.</b> For use in barrel or bucket; each.....	5.00
Galv. tank for No. 5 Auto Sprayer; to carry on back; each.....	4.00
<b>Junior Bucket Pump.</b> Brass; each.....	3.75
<b>Madoc Bucket Pump.</b> Brass; double action; good for white-washing; each....	4.50
<b>No. 3 Brandt Galv. Compressed Air Sprayer.</b> Complete; each.....	7.50
<b>Brant Easy Compressed Air Hand Sprayer.</b> Galv.; each.....	3.50
Same with Brass tank; each.....	4.50
<b>No. 22A. Hand Sprayers; tin; each.....</b>	.65
<b>No. 26. Auto Hand Sprayer.</b> Brass Tank, each.....	1.75
<b>No. 1 Plain Top Scollay Sprayer; each.....</b>	1.00
<b>No. 1. Angle Neck Scollay Sprayer; each.....</b>	1.15
<b>No. 3. Plain Top Scollay Sprayer; each.....</b>	1.00
<b>No. 4. Plain Top Scollay Sprayer; each.....</b>	.75
<b>Novelty Whitewash Pumps; 4 nozzles; tin; each.....</b>	1.00

<b>Duster Brown's Dry Powder Duster;</b> each.....	2.00
<b>Insect Powder Bellows; each.....</b>	.20

*It's Double Acting*



*The Same Spray With Half The Labor*

**No. 5 Auto Brass Sprayer**



## PROTECTS YOUR CROPS

against the ravages of the Root Maggot, Earth Worm and other pests and enables you to grow successfully—Radishes, Cabbage, Kale, Onions, Turnips, Cauliflower, etc.

Price. 4 lbs., 60c; 8 lbs., \$1.00; postage extra.

## Dandelion Destroyer Tools

<b>Dandy Dandelion Destroyer,</b> a brass tube carrying liquid that is injected into the roots; each.....	\$1.75
<b>"Erado" Dandelion Digger,</b> has tube for creosote or other liquid, Style A, galvanized cylinder; each.....	1.25
<b>Dandelion Knife,</b> long blade; each 40c; by mail.....	.45
<b>Dandelion Rakes,</b> 18 inch; each.....	1.50
<b>Norcross Hand Cultivators,</b> 3 prong, each.....	.85
<b>Norcross Hand Cultivators,</b> 5 prong; each.....	1.25

## Lawn Tools, Etc.

<b>Grass Trimming Shears.</b> Good steel, high grade; each.....	\$1.25
Common grade.....	.35
<b>Miniature Scythe, or Grass Hook.</b> Each.....	.75
<b>Turf Edger;</b> long handle; each.....	1.15
<b>Hose Washers.</b> Regular size, per doz....	.05

<b>Cooper Hose Menders.</b> Brass, ½, ⅝, and ¾ inch; each.....	.10
<b>Perfect Clinch Hose Menders;</b> ½, ⅝, and ¾ inch; each.....	.15
<b>Perfect Clinch Hose Couplings;</b> ½, ⅝, and ¾ inch; each.....	.35
<b>Brass Hose Couplings;</b> ½, ⅝, and ¾ inch; per set.....	.30
<b>½-inch, 5 ply "Puritan" Rubber Hose;</b> per 50 feet, with couplings.....	4.00
<b>½-inch, 5-ply "Cord" Rubber Hose;</b> per 50 feet, with couplings.....	6.50
<b>¾-inch, 5 ply "Cord" Rubber Hose;</b> per 50 feet, with couplings.....	7.50
<b>Twin Lawn Sprinklers,</b> each.....	.45
<b>Boston Nozzle.</b> Brass; adjustable, each.....	.85
<b>Hawthorn Sprinklers,</b> each.....	.90
<b>Rainboy Nozzle.</b> Each.....	.75

## Shears and Pruners

<b>Tree Pruners.</b> Rhodes Pattern, 26-inch; strong; each, \$3.50; 30 inch.....	\$3.75
<b>Orchard King.</b> Roller bearing, cut up to 2-inch; each.....	3.00
<b>Kansas Pruning Shears.</b> 7 feet, auto- matic; each.....	3.00
<b>9-inch Wiss Hand Pruners;</b> best made; each.....	3.25
<b>10-inch Wiss Hand Pruners;</b> best made; each.....	3.75
<b>California Hand Pruners;</b> each.....	1.25
<b>Cronk's No. 17 Hand Pruners,</b> each.....	1.50
<b>No. 14 Hand Pruners;</b> each.....	.40
<b>6-foot Jackson Tree Pruners;</b> each.....	1.50
<b>8-foot Jackson Tree Pruners;</b> each.....	2.00
<b>10-foot Jackson Tree Pruners;</b> each.....	2.75
<b>12-foot Jackson Tree Pruners;</b> each.....	2.50
<b>Extra Knives for Jackson Pruner;</b> each.....	.25
<b>Bateman Pruning Hooks,</b> long handle; each.....	.50
<b>Tyler Pruning Saws</b> (folds up), each.....	1.00
<b>Double Edge Pruning Saw,</b> 18-inch; each.....	2.00

## Hand Weeders

<b>Langs</b> , a very useful small tool; each, 20c;	
by mail.....	\$0.30
<b>Hazeltine's</b> , larger than Lang's; each.....	.65
<b>Excelstor</b> , has five teeth; each.....	.15
<b>Midget, hand-weeder</b> ; each.....	.50
<b>Combination Hoe and Cultivator</b> .....	.50
<b>Handy Weeders</b> ; each.....	.25

## Thermometers

<b>Greenhouse</b> , carefully tested, 10-inch case; each.....	\$1.25
<b>Mushroom or Hotbed</b> , No. 5981; 16-inch, wood frame, brass pointed, high grade; each.....	2.00
<b>Maximum and Minimum</b> ; each.....	2.50

## Labels

	Per 12	100
Pot, 4 inch, plain.....	\$0.05	\$0.25
Pot, 5 inch, plain.....	.05	.30
Pot, 8 inch, plain.....	.10	.45
Garden Stake Labels, 12-inch, plain.....	.15	.80
Tree, copper wired, plain.....	.05	.45

## Flower Pots and Saucers

Pots—Standard	Each	Per 12	100
Size 2 inch diameter.....	\$0.03	\$0.20	\$1.00
Size 2 ½ inch diameter.....	.03	.25	1.50
Size 3 inch diameter.....	.05	.30	2.00
Size 4 inch diameter.....	.05	.35	2.60
Size 5 inch diameter.....	.10	.75	5.25
Size 6 inch diameter.....	.15	1.00	7.50
Size 7 inch diameter.....	.15	1.50	11.00
Size 8 inch diameter.....	.20	2.00	15.00
Size 10 inch diameter.....	.40	4.00	31.00
Size 12 inch diameter.....	1.00	8.40	...
Standard Saucers.....		12	100
Size to fit 4 inch pot.....	\$0.15	\$1.10	
Size to fit 5 inch pot.....	.20	2.25	
Size to fit 6 inch pot.....	.30	3.25	
Size to fit 7 inch pot.....	.60	5.25	
Size to fit 8 inch pot.....	.90	6.50	
Size to fit 10 inch pot.....	1.75	13.00	
<b>Neponset Waterproof Fiber Flower Pots</b>	12	100	1,000
Size 2 ¼ inch, 1,000 in crate.....	\$0.15	\$0.75	\$7.00
Size 2 ½ inch, 1,000 in crate.....	.15	.90	7.50
Size 3 inch, 1,000 in crate.....	.20	1.25	10.00
Size 3 ½ inch, 1,000 in crate.....	.30	1.50	13.00
Natural sheet Moss, for lining Hanging Baskets; ¼ lb., 15c; ½ lb., 25c; lb., 45c.			

## Implements

<b>5-tooth Adjustable 1-Horse cultivator and Lever</b> .....	7.50
<b>14-tooth Adjustable 1-Horse Combined Harrow and Cultivator</b> .....	7.50
<b>7-tooth Adjustable Spring Tooth 1-Horse Harrow</b> .....	9.00
Extra gauge wheel for above.....	1.25
<b>Horse Hoe Attachments for 5-tooth Cultivators</b> ; per set.....	1.75
<b>Extra Lever for 5-tooth Cultivators</b> ; each.....	1.00
<b>Cahoon Patent Hand Seed Sower</b> . Weighs 9 lbs., each.....	4.50
<b>The Cyclone Hand Seeder</b> . Weighs 5 lbs., each.....	2.00
<b>Lightning Seed Sowers</b> ; each.....	1.00
<b>Diamond Rotary Corn and Bean Planter</b> ; 8 lbs., each.....	2.15

<b>Acme Corn Planter</b> . Adjustable; 7 lbs., each.....	1.50
<b>Black Hawk Grist Mill</b> . Weighs 18 lbs.; each.....	4.00
<b>Apache Grist Mill</b> , with balance wheel; each.....	9.00
<b>Black Hawk Corn Sheller</b> . Weighs 15 lbs.; each.....	4.00

## Bird and Fish Supplies

<b>Bird Seed Mixture in bulk</b> ; 1 lb., 15c; 7 ½ lbs.....	\$1.00
<b>Canary Seed</b> , recleaned; 1 lb.....	.20
<b>Hemp Seed</b> ; 1 lb.....	.15
<b>Rape Seed</b> , imported; 1 lb.....	.20
<b>Large Millet</b> , 1 lb., 10c; 4 lbs.....	.25
<b>Sunflower for Parrots</b> ; 1 lb., 15c; 2 lbs.....	.25
<b>Cuttle Bone</b> , per piece, 5c; 1 oz.....	.10
<b>Bird Gravel from Atlantic Coast</b> , white per pkg.....	.15
<b>Bird Manna</b> , ready to attach to cage; each 15c; by mail.....	.20
<b>Kaempfer's Birdoline</b> , per pkg.....	.25
<b>Kaempfer's Song Restorer</b> , per pkg.....	.25
<b>Kaempfer's Bird Lice Powder</b> , per pkg.....	.25
<b>Excelsior Bird Nesting</b> , per pkg.....	.15
<b>Sterlingworth Song Restorer</b> , per pkg.....	.25
<b>Sterlingworth Bird Tonic</b> , per pkg.....	.25
<b>Sterlingworth Fish Food Flakes</b> , per pkg.....	.15
<b>Sterlingworth Natural Fish Food</b> , per pkg.....	.15
<b>Kaempfer's Prepared Fish Food</b> , per pkg.....	.15

## Dog and Cat Remedies

<b>Sterlingworth Mange Remedy</b> , per bottle.....	.50
<b>Catnip Mice</b> , each.....	.15
<b>Catnip Leaves</b> , per pkg.....	.10
<b>Austin's Dog Bread</b> , bulk; lb.....	.15
<b>Austin's Puppy Cakes</b> , bulk; lb., 20c; 2 lbs.....	.35
<b>"Old Grist Mill" Cat Bread</b> ; per pkg.....	.25

## Queen Incubators

**Stop Hatching Weak Chicks** with cheap incubators. A Queen costs but little more, and the extra chicks that live and grow soon pay the difference.

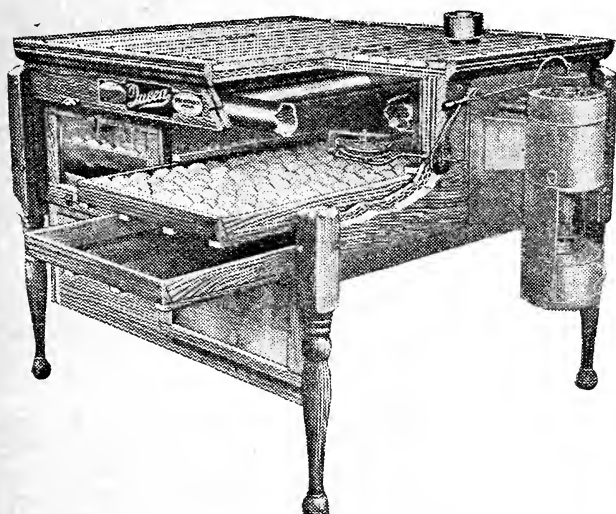
Remember, it is not how many chicks you hatch that counts, but how many you raise. Chicks that hatch out weak and wobbly, and live but a few days, mean nothing to you but trouble and loss.

Most of the chicks you lose in the first few weeks die because they did not have, when hatched, enough strength or vitality for a good start.

## Queen Chicks Live and Grow

Queen incubators are famous the country over for big hatches of strong, healthy chicks that live and grow. The Queen is accurately regulated, keeping the temperature just right for the hatching chick. No hot and cold changes to weaken the chick's system. The Queen is properly insulated—two layers of wood and one of corrugated strawboard, with dead air space. This also helps to maintain an even temperature for the entire hatching period. Both Queen walls are built of genuine California Redwood, which is unusual in these days of imitation and cheap substitution.

Redwood does not absorb the odor from the hatching eggs. Cheaper woods, and pasteboard lining in iron and tin machines, retain the odors, to weaken and kill the hatching chick.



## Queen Brooder Stoves

The Queen Brooder Stove is just what is needed to keep the house comfortable for the early chicks. It is the only Brooder Stove in which both fire and amount of heat are automatically controlled by one thermostat and one connecting rod.

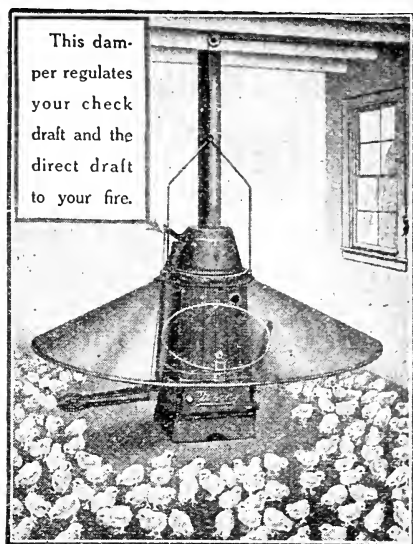
Damper indicated by arrow regulates the check draft and the direct draft to the fire. Gas controlled above deflector. No gas can escape below to injure chicks. Hover is collapsible, made in sections, easy to put together, and take apart. Holds enough coal to last 40 to 48 hours.

No. 1—600 Chick Capacity.....\$21.00

No. 2—1200 Chick Capacity.....26.50

Queen Oil-Gas Burner, for either size

Queen Brooder Stove.....17.50



## Sizes and Prices of Queen Incubators and Brooders

No 1—85 egg capacity, wt., 72 lbs. ....\$27.50

No 2—135 egg capacity, wt., 87 lbs. ....37.50

No 3—180 egg capacity, wt., 138 lbs. ....44.50

No 4—275 egg capacity, wt., 142 lbs. ....57.75

No 5—400 egg capacity, wt., 171 lbs. ....68.00

Electric Attachment for Queen Incubator, up to and including 1,000 egg size.....15.00

Larger sizes quoted on application.

No 7—Indoor Brooder, 125 chick size. ....\$19.50

No 8—Indoor Brooder, 165 chick size. ....22.75

No 9—Indoor Brooder, 250 chick size. ....25.50

No. 10—Outdoor Brooder, 125 chick size. ....31.50

No. 11—Outdoor Brooder, 165 chick size. ....34.50

No. 12—Outdoor Brooder, 250 chick size. ....37.75

## Thermometers

Incubator, "Tycos"—Triangle; each.....\$1.00

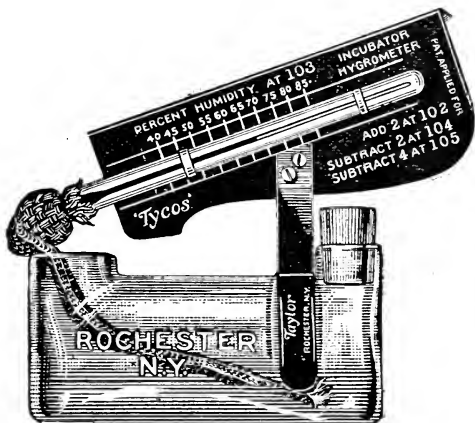
Incubator, "Tycos"—Triangle; on legs.....1.10

Incubator, "Tycos"—Triangle, Certified; each.....1.25

Mushroom or Hot Bed, No 5981—16-inch wood frame, brass pointed, high grade; each; not prepaid.....2.00

Wires for holding Incubator Thermometers; each......10

Electric Lighted with Battery—To illuminate face of thermometer in incubator; per set.....2.50

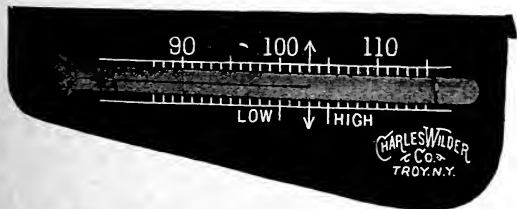


Hygrometer, "Tycos"—Complete, ready to use; each.....1.50

Hygrometer "Mandy Lee"; each.....2.50

X-Ray Egg Tester—Tin. Fits to No. 2 or No. 3 lamp burner......38

Moe's Egg Tester—each......25



Brooder—mounted on wood; each......40

Brooder, flat—unmounted; each......45



## Extras for Incubators and Brooders

Lamp Bowls for No. 2 Burners, galv.; each. \$1.10  
 Lamp bowls for No. 3 Burner, galv.; each. 1.25  
 Lamp Burners, No. 2, brass; each. .60  
 Lamp Burners, No. 3, brass; each. .85  
 Wicks, common, for all sizes; each. .05  
 Wicks, red felt, both sides; 3 for (postpaid) .10  
**Egg-O-Hatch**—For improving the hatch by weakening the shell and makes stronger chicks; per jar sufficient for 600 eggs. .50

## McCandlish Improved Chick Feeder

Equipped with Adjustable Partitions for Various Kinds of Feed. Made of Galvanized Iron; No Rough Edges; Waste Impossible; Can't Capsize.

**AN IDEAL DRINKING RECEPTACLE ALSO.**  
 Lengths 12, 20 and 30 in. Prices: 40c, 60c and 85c.

Revolving rod prevents the chicks from perching upon it, making the feeder ABSOLUTELY SANITARY.

## Chick Markers—All Postpaid

Petty Perfect Poultry; each. \$0.25  
 Acme Lever, spring lever; each. .30

## Leg Bands—All Postpaid

Champion Aluminum, flat, numbered, plain; 12 for 15c; 25 for 30c; 50 for 60c; 100 for \$1.00  
 Smith Sealed, fine for show bird, no duplicate numbers; 12 for 40c; 25 for 75c; 50 for \$1.10; 100 for (postpaid) 2.00  
 Sealers for same; each. .60  
 Double Clinch Aluminum Bands; 12 for 20c; 25 for 35c; 50 for 60c; 100 for (postpaid) 1.50

**SPIR-OL**  
 TRADE-MARK  
**LEG BANDS**



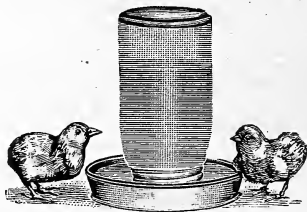
Spirol Celluloid, in five colors, three sizes, not numbered; 12 for 15c; 25 for 35c; 50 for 60c; 100 for. \$1.00  
 Spir-Olets, for baby chicks and pigeons, all colors; 12 for 15c; 24 for 25c; 50 for 45c; 100 for. .80  
 Victor, Wide Aluminum, large colored figures; 12 for 50c; 25 for \$1.00; 50 for \$2.00; 100 for. 3.75

## Nest Eggs

Porcelain; each, 5c; 6 for. \$0.25  
 Medicated Naptha; each, 10c; 3 for. .25  
 Nest Eggs by mail, 1c each extra.

## Feed and Water Vessels—Galvanized

**Grit and Shell Box.** Large size, 3 comp., round bottom. \$1.25  
**Food Hopper.** Self feeding, 2 comp. 1.25  
**Dry Mash Hopper.** Moes, 12-inch wide. 2.50  
**Dry Mash Hopper.** Moes, 24-inch wide. 3.00  
**Square Drop Bottom Fount.** 2 qt. size. .75  
**Square Drop Bottom Fount.** 1 gal. size. 1.00  
**Square Drop Bottom Fount.** 2 gal. size. 1.25



**N. W. Mason Jar Holder.** 5-inch size; each. .15  
**N. W. Mason Jar Holder.** 6-inch size; each. .20  
**Galv. Wall Chick Feeders,** 24-inch wide; each. 1.25  
**Galv. Drinking Cups for Exhibition Coops.** Each. .25  
**Moe's Trap Nest Ends.** Galv., each 60c; 2 for. 1.00  
**Moe's Rabbit Feeder, for Alfalfa.** Galv. and wire; each. 1.00

## Egg Shipping Boxes

**Diamond Safe Delivery.** 1 doz., size; each \$0.30  
**Diamond Safe Delivery.** 2 doz. size; each .45  
**Diamond Safe Delivery.** For hatching eggs; 15-egg size; each. .30  
**Diamond Safe Delivery.** For hatching eggs; 25-egg size; each. .45  
**Diamond Safe Delivery.** For hatching eggs; 30-egg size; each. .50  
**Diamond Safe Delivery.** For hatching eggs; 50-egg size; each. .90  
**Farmer's Friend Egg Carrier.** Made of wood, painted; 12-doz. size; each. 1.15

## Egg Cartons

**"Ranger,"** stock print, holds 12 eggs, folds; 12 for 25c; 24 for 45c; 50 for 80c; 100 for \$1.50; 250 (original bale) for. \$3.75  
 Postage on Cartons by mail extra. 12 weigh 1 1/2 lbs. Zone rates.

## Egg Preservers

**Water Glass Egg Preserver**—This is the true Silicate Soda refined. We put this up in convenient packages. Can't be mailed. Per pint, enough for 12 doz. eggs, 35c; qt., 65c; 1/2 gal., \$1.00; 1 gal. \$1.75  
**Fleming Egg Preserver.** A salve to apply on each egg; guaranteed to preserve eggs nine months; medium jar enough for 50 doz. eggs, 90c; small jar. .50  
**Lee's Egg-O-Latum.** Simply rubbed on, it keeps eggs fresh for one year. Full directions with each jar. Per jar, enough for 50 doz. eggs (postpaid) .55

# Strictly High Class Poultry Books on Practical Subjects

We recommend the following poultry books on practical, successful poultry and egg production as being unexcelled, down-to-date, and well worth the prices.

American Standard of Perfection, latest edition.....	\$2.50
Bantam Fowl, 68 pp., illus.....	.50
Belgian Hare Guide.....	.25
Chick Book, 80 pp.....	.50
Egg Record and Account Book, very useful	.25
A to Z of Pigeons, 96 pp., illustrated.....	.75
Rabbit Culture and Standard; illustrated, revised edition, leather binding.....	1.25
Poultry Houses and Fixtures, Location, Plans, etc., by H. W. Jackson.....	1.00
How to Feed Poultry for Any Purpose with Profit, by J. H. Robinson.....	1.25
Artificial Incubating and Brooding, by Homer W. Jackson.....	1.00
Use of Artificial Light to Increase Winter Egg Production, by G. M. Curtis.....	1.50
Successful Back Yard Poultry Keeping, by H. W. Jackson.....	1.00
Profitable Culling and Selective Flock Breeding, by H. W. Jackson and G. M. Curtis.....	1.50
High Egg Production by Individual Hens, Pens and Flocks.....	2.00

# Popular Books of Standard Breeds of Poultry

To all who wish to have reliable knowledge and sound advice on the selection, mating and breeding of the best known, most popular breeds and varieties of standard fowls, including chickens, turkeys, ducks and geese, we recommend the following books:

	Price Postpaid
The Plymouth Rocks, Barred, White, Buff, etc., by Wm. C. Denny.....	\$1.00
The Wyandottes, Silver, White, Buff, etc., by J. H. Drevstedt.....	1.00
The Rhode Island Reds, Single and Rose Comb, by D. E. Hale.....	.75
The Leghorns, White, Brown, Black, Etc., by J. H. Drevstedt.....	1.00
The Campines, Golden and Silver, by F. L. Platt.....	.75
The Orpingtons, White, Buff, Black, Etc., by J. H. Drevstedt.....	.75
The Asiatics—Brahmas, Cochins and Langshans.....	.50
Turkeys: Their Care and Management.....	.75
Ducks and Geese, Complete Guide to Breeding, by Robert H. Essex.....	.75

# Lice Killer and Disinfectants

Pratt's Lice Killer Powder—Medium size, 30c; large size.....	\$0.60
Pratt's Liquid Lice Killer—Qt., 60c; 2 qts., 90c; gal.....	1.50
Pratt's Head Lice Ointment—Small tin, 20c; large tin.....	.35
Conkey's Lice Powder—large size.....	.60
Conkey's Head Lice Ointment—Small tube, 15c; large tube (postpaid).....	.30
Creosote—½ gal., 50c; gal. cans.....	.90

Lee's Insect Powder—Medium size, per can, 30c; large size.....	.60
Lee's Lice Killer—Liquid: qt., 60c; 2 qts., 90c; gal.....	1.50
Persian Insect Powder—Pure; 1 oz., 15c; ¼ lb.....	.50
Pratt's Red Mite Special; qt. can.....	.70
Dr. Hess Instant Louse Killer—Powder; 1 lb. pkg.....	.30
Dr. Hess Instant Louse Killer—Powder; 2 ½ lb. pkg.....	.60
Dr. Hess' Dip and Disinfectant—Pint bottle "Klix"—Kills lice on chicks; 7 oz., pkg., 35c; 16 oz. pkg.....	.65
Tobacco Dust—Helps to keep down lice; lb., 10c; 5 lbs., 50c; 10 lbs.....	.85
Fumigating Candles—Tin plate with each cake; each, 20c; 2 for.....	.35
Pratt's Poultry Disinfectant—Qt. can, 70c; ½ gal.....	1.25
Coroleum—Liquid Disinfectant, Lice Killer and also Sheep Dip; 8-oz. bottle, 30c; pt. bottle, 50c; qt. can, 90c; ½ gal. can, \$1.15; gal. can.....	1.75
Lime for whitewashing poultry houses; 5 lbs. for.....	.25
Whittaker's Dip and Disinfectant—Pt. can, 50c; qt. can, 90c; ½ gal. can, \$1.15; 1-gal. can.....	1.75

# Egg Foods and Tonics

Dr. Hess' Pan-a-cea—1 ½ lb. pkg., 30c; 3 lb. pkg., 60c; 7 ½ lb. pkg., \$1.35; 25 lb. pail.....	3.50
Pratt's Poultry Regulator—24 oz. pkg., 30; 4 lb. pkg., 60c; 9 lb. pkg., \$1.20; 25 lb. pail.....	3.50
Lee's Egg Maker—Concentrated; 2 lb. pkg., 50c; 5 lbs., \$1.00; 12 lb. pail, \$2.25; 25 lb. pail.....	4.25
Bovier's Specific—For snuffles in rabbits; can, 35c; large size.....	.65
Sturtevant's Poultry Tonic—Keep flocks healthy and cures diseases; 19-oz. pkg., 35c; 42-oz. pkg.....	.65
More Egg—Our own preparation to make hens lay and keep flock in healthy condition; in bulk, per lb., 20c; 2 lbs.....	.35
Reefer's Moregg Tablets—Per pkg.....	.50
Don Sung (Chinese egg laying tablets), per pkg., 50c; and.....	1.00
By parcel post 5c per pkg., extra.	

# Poultry Remedies

Pratt's Roup Remedy—Small size pkg., 30c; medium size pkg.....	\$0.60
Pratt's White Diarrhoea Remedy—30c and.....	.60
Pratt's Chicken Cholera Remedy—30c and.....	.60
Pratt's Bronchitis Remedy—30c and.....	.60
Pratt's Scaly Leg Remedy.....	.30
Conkey's Gape Remedy—Per pkg.....	.60
Conkey's Pox Sorehead Remedy—per pkg.....	.60
Conkey's Limberneck Cure—Per pkg.....	.60
Lee's Germozone—Liquid (can't be mailed) 4-oz. bottle, 40c; 12-oz. bottle, 75c; 32-oz. bottle.....	1.50
Lee's Germozone—Tablet form (postpaid); each.....	.75
Oculum—A scientific preparation for killing disease germs and also promotes egg production. Full directions with each bottle. Trial size, 10c; 50c and.....	1.00
Haines' Limberneck Remedy—per pkg. (postpaid).....	.60
Pratt's Condition Tablets—2 sizes, 30c and.....	.60
Dr. Hess' Roup Remedy—Small pkg., 30c; large size.....	.60

# Sundry Articles for Horses and Stock

Conkey's Fly Kicker—Qt.....	\$0.75
Sturtevant's Gall Salve—Per pkg., 2 sizes, 30c and.....	.60
Sturtevant's Healing Powder—2 sizes, 30c and.....	.60
Pratt's Healing Powder—4-oz. pkg.....	.30
Pratt's Cow Remedy—2-lb. pkg.....	.70
Pratt's Hog Cholera Specific—2-lb. pkg.....	.60
Pratt's Heave, Cough and Cold Remedy—14 oz. pkg.....	.70
Pratt's Worm Powder—10-oz. pkg.....	.70
Pratt's Animal Regulator—2 sizes, 35c and Pratt's Healing Ointment—Per pkg., 35c and.....	.65
Pratt's Bag Ointment—Per pkg., 35c and.....	.65
Pratt's Hoof Ointment—Per pkg.....	.35
Pratt's Veterinary Colic Remedy—2 sizes, per bottle, 70c and.....	1.35
Pratt's Spavin Remedy—Liquid, each.....	.70
Pratt's Distemper Cure—Per pkg.....	.70
Lee's Best Conditioner—2-lb. pkg.....	.50
Lee's Worm Remedy—Per pkg.....	.35
Sturtevant's Horse Colic Remedy—Liquid, per bottle.....	1.25
Sturtevant's Hoof Oil—Per small can.....	.60
Sturtevant's Cough Cure—Per pkg.....	.60
Sturtevant's Kidney Cure—Per pkg.....	.60
Prussian Barbed Wire Liniment—Liquid, per bottle.....	.70

## Poultry Feeds and Mixtures

### THE ORIGINAL HOYT'S MIXTURE

#### The Best Balanced Dry Food For Chicks.

This is our own formula; beware of imitations. In Hoyt's Mixture we know we have a food far superior to any other chick feed on the market. It is made from the best of seed grain; in fact, every grain that is put in this food would grow if planted. Hoyt's Mixture is a perfect chick food. It contains all the necessary ingredients that a chick needs until it is two months old. Hoyt's Mixture will prevent bowel trouble and all other chick complaints. It is used by almost every poultry raiser in Colorado. We have never had a single complaint against it; everyone pronounces it a wonderful food. Price: 5-lb. pkg., 25c; 11 lbs., 50c; 25-lb. sack, \$1.25; 100-lb. sack, \$3.50.

#### DEVELOPING FOOD

Has no equal for growing chicks. A mixture of small grains, beef scraps, charcoal and other ingredients for the quick growth of poultry. Should be fed as soon as chicks get too large to eat our Hoyt's Mixture. Price: 5-lbs., 25c; 11 lbs., 50c; 25 lbs., \$1.25; 100 lbs., \$3.50.

#### MIXED HEN FEED

This is a balanced food of mixed grains for laying hens. It contains bone, sunflower and mixed grains of different kinds in suitable proportions to promote egg yield. The variety of grains, bone, etc., being of different size induces fowls to scratch more, and as exercise is necessary to promote digestion they will be kept strong and vigorous. Market price.

#### EGG MASH

#### A Carefully Balanced Mash Food for Eggs and Feather Making

Having had many years' experience in Colorado, we feel that we are familiar with the needs and requirements of our Western poultry breeders, and in offering this mash we know we are

offering a high-grade article that gives favorable results. A trial will convince the most skeptical that this food is an egg-producer. Market price.

#### "MORE EGG"

Is a condition powder for promoting the general health and acts as a gentle stimulant to the egg-producing organs of fowls. It is the best condition powder on the market. Composed of sixteen different ingredients for the purpose of putting fowls in perfect health and egg-laying condition. This is our own mixture and is highly recommended. Price: 1 lb., 20c; 2 lbs., 35c; 5 lbs., 75c.

#### PACKING HOUSE POULTRY FOODS

##### Prices Subject to Change

	Per 50	Per 100
Green Cut Bone—Dried and Granulated, hen and chick size; 5 lbs., 25c; 10 lbs., 50c; 22 lbs., \$1.00.....	\$2.00	<del>\$3.75</del>
Green Cut Meat and Bone—Dried; our stock has fully 40 per cent protein; best food for the price. 4 ½ lbs., 25c; 9 lbs., 50c; 17 lbs., \$1.00.....	2.25	4.25
Poultry Bone—Granulated; first grade, hard, white, clean bone, about size of wheat; 3 lbs., 25c; 7 lbs., 50c; 17 lbs., \$1.00.....	2.50	4.75
Bone Meal—For Chicks, and Mash, first grade, clean; 3 lbs., 25c; 7 lbs., 50c; 17 lbs., \$1.00.....	2.50	4.75
Meat Meal—Very concentrated food, 50% protein; 5 lbs., 25c; 10 lbs., 50c; 22 lbs., \$1.00.....	2.25	4.25
Blood Meal—Carries 80% protein, for feeding in mash, a true "Red Albumen"; 3 lbs., 25c; 6 ½ lbs., 50c; 15 lbs., \$1.00.....	2.75	5.25
High Protein Meat Scraps—Highly concentrated food, running 60% protein, fine in a mash; 4 lbs., 25c; 8 ½ lbs., 50c; 15 lbs., \$1.00.....	2.75	5.25

#### MISCELLANEOUS POULTRY FOODS

Crushed Oyster Shell—Necessary to every fowl; 3 lbs., 15c; 8 lbs., 25c; 18 lbs., 50c.....	\$1.10	\$2.00
Poultry Grit—Gray granite, very hard and sharp; 3 lbs., 10c; 10 lbs., 25c; 25 lbs., 50c.....	.85	1.40
Charcoal—Coarse, medium and fine; 1 lb., 10c; 3 lbs., 25c; 7 lbs., 50c.....	2.50	5.00
Ground Oil Cake—Fine; 4 lbs., 25c; 8 ½ lbs., 50c; 18 lbs., \$1.00.....		
Cotton Seed Meal—High per cent of protein; 3 lbs., 25c; 7 lbs., 50c; 15 lbs., \$1.00.....		
Flax Seed Meal—Pure ground flax seed; per lb.....	\$0.15	
Poultry Mustard—In bulk, per lb.....	.60	
Poultry Pepper—1 lb., 25c; 5 lbs.....	1.00	
Alfalfa Meal—Green, fine; 5 lbs., 25c; 12 lbs.....	.50	

#### CONKEY'S BUTTERMILK STARTING FOOD

##### For Baby Chicks

2 ½ lb. pkg.....	
5 lb. pkg.....	
10 lb. pkg.....	
25 lb. cotton sack.....	
100 lb. sack.....	
Ask for prices.	

#### CONKEY'S BUTTERMILK GROWING MASH

10 lb. pkg.....	
25 lb. cotton sack.....	
Ask for prices.	

# GARDEN SEEDS IN BULK

To those who buy Garden Seed in quantities we are able to make special reduced prices as quoted below. We can do this on account of being able to put out large lots with one wrapping, thus saving on bags, time, etc.

These special very low prices DO NOT include delivery. If wanted by mail, ADD POSTAGE as per schedule, zone rates.

BEANS—Dwarf		10 lbs.	25 lbs.
Stringless Green Pod, Burpee's..	\$2.25	\$5.00	
Early Yellow Six Weeks, Green Pod.....	2.25	4.75	
Improved Red Valentine, Green. Pod.....	2.25	4.75	
Golden Wax.....	2.25	4.75	
Longfellow.....	2.50	6.00	
Black Wax.....	2.25	4.75	
Davis' White Kidney Wax.....	2.25	4.75	
Dwarf Horticultural.....	2.25	5.00	
California Butter.....	2.00	4.50	
Burpee's Bush Lima.....	2.75	6.50	
Fordhook Bush Lima.....	3.25	7.50	

BEANS—Pole			
Kentucky Wonder.....	\$2.25	\$4.75	
Lazy Wife.....	2.25	5.00	
Kentucky Wonder Wax.....	2.25	5.00	
Tall Horticultural.....	2.25	5.00	

SWEET CORN			
Golden Bantam.....	\$1.80	\$2.75	
Bantam Evergreen.....	1.80	3.75	
Early Mayflower.....	2.00		
Country Gentleman.....	1.80	2.75	
Stowell's Evergreen.....	1.65	2.50	
Early Evergreen.....	1.80	2.75	
Mammoth White Cory.....	1.65	2.50	
Early Minnesota.....	1.65	2.50	
Howling Mob.....	1.80	2.75	

PEAS			
Alaska, very early.....	\$2.00	\$4.50	
Blue Bantam.....	3.00	6.75	
Gradus.....	2.75	6.25	
Little Marvel.....	2.75	6.25	
Laxtonian.....	2.75	6.25	
American Wonder.....	2.50	5.25	
Premium Gem.....	2.25	4.75	
Dwarf Telephone.....	2.75	6.25	
Telephone.....	2.60	6.00	

ASPARAGUS		1lb.	5 lb.
Early Giant Argenteuil.....	\$0.60	\$2.50	
Columbian Mammoth White.....	.60	2.50	
Palmetto.....	.60	2.50	
Conover's Colossal.....	.60	2.50	

BEETS—For Table Use			
Detroit Dark Red.....	\$0.65	\$3.00	
Extra Early Egyptian.....	.65	3.00	
Early Eclipse.....	.65	3.00	
Early Blood Turnip.....	.65	3.00	
Half Long Blood Red.....	.60	2.50	
Swiss Chard, Lucullus.....	.85	3.50	

BEETS—For Stock Feed		5 lbs.	25 lbs.
Giant Feeding, or Half Sugar Mangel.....	\$1.75	\$8.25	
Golden Tankard Mangel.....	1.75	8.25	
Danish Elvethan, Mammoth Red.....	1.75	8.00	
Red Eckendorf.....	1.75	8.00	
Klein Wanleben, Sugar.....	2.00	8.75	

CABBAGE		1 lb.	5 lbs.
Early Jersey Wakefield.....	\$1.80	\$8.75	
Early Winnigstadt.....	1.80	8.75	
Early Dwarf Flat Dutch.....	1.60	7.50	
All Seasons.....	1.60	7.50	
Copenhagen Market, Danish.....	3.00	12.50	
Glory of Enkhuizen, Danish.....	3.00	12.50	
Danish Roundhead, Danish.....	2.50	10.50	
Premium Late Flat Dutch.....	1.60	7.50	

CUCUMBER		1 lb.	5 lbs.
Klondike.....	\$0.90	\$4.00	
Improved White Spine.....	.90	4.00	
Improved Long Green.....	.90	4.00	
Early Cluster.....	.90	4.00	
Snow's Perfection Pickle.....	.90	4.00	
Chicago Pickling.....	.90	4.00	

CARROTS			
Oxheart or Guerande.....	\$0.70	\$3.00	
Early Scarlet Horn.....	.70	3.00	
Chantenay, or Model.....	.70	3.00	
Danvers.....	.65	2.75	
White Belgian.....	.60	2.50	
Yellow Belgian.....	.60	2.50	

CELERY		¼ lb.	1 lb.
Golden Self-Blanching, French..	\$4.00	\$15.00	
Giant Pascal, French.....	.60	2.00	
White Plume, French.....	.90	2.50	

LETTUCE		1 lb.	5 lbs.
Los Angeles Market, N. Y. Wonderful.....	\$1.75	\$8.00	
May King.....	1.25	5.00	
Improved Big Boston.....	1.25	5.00	
Grand Rapids.....	1.25	5.00	
Denver Market.....	.90	4.00	
Hanson.....	.90	4.00	
Black Seeded Simpson.....	.90	4.00	
Simpson's Early Curled.....	.80	3.50	
Prize Head.....	.90	4.00	
Mountain Iceberg.....	1.75	8.00	

MUSK MELON		1 lb.	5 lbs.
Greeley Wonder.....	\$2.00	\$8.75	
Pollock, 10-25 Salmon Tint....	1.50	6.75	
Rocky Ford Cantaloupe.....	.90	4.00	
Burrell's Gem.....	.90	4.00	
Netted Gem.....	.65	2.75	
Emerald Gem.....	.65	2.75	
Hackensack.....	.70	3.00	
Acme, or Baltimore.....	.65	2.75	

CASSABA MELON			
Improved Hybrid.....	\$1.50	\$6.25	
Honey Dew.....	1.60	6.25	

WATERMELON			
Kleckley's Sweet.....	\$0.60	\$2.50	
Tom Watson.....	.60	2.50	
Gypsy or Rattlesnake.....	.50	2.25	
Kentucky Wonder.....	.50	2.25	
Florida Favorite.....	.50	2.25	
Kolb's Gem.....	.45	2.00	
Mountain Sweet.....	.45	2.00	
Phinney's Early.....	.50	2.25	
Rocky Ford.....	.60	2.50	

ONION			
Danver's Yellow Globe.....	\$1.40	\$6.25	
Southport Red Globe.....	2.00	9.50	
Large Red Wethersfield.....	1.75	8.50	
Brown Australian.....	1.50	7.00	
Prize Taker.....	2.25	10.75	
Silver Skin.....	3.00	14.50	
Southport White Globe.....	2.50	12.20	
Mammoth Silver King.....	2.50	12.20	
Extra Early Barletta.....	3.00	14.50	
White Lisbon, for bunching....	1.60	7.50	

PARSNIP			
Hollow Crown.....	\$0.60	\$2.50	

PEPPER		¼ lb.	1 lb.
Ruby Giant.....	\$1.50	\$4.50	
Ruby King.....	1.50	4.50	
Chinese Giant.....	1.75	5.25	
Long Red Cayenne.....	1.50	4.50	
Pimento.....	1.75	5.00	

**RADISHES**

	1 lb.	5 lbs.
Non Plus Ultra, Danish.....	\$0.90	\$4.00
Johnson's Perfection, English...	1.00	4.50
Early Scarlet Globe.....	.75	3.25
Early Scarlet Turnip, White Tipped.....	.60	2.75
Early Scarlet Turnip.....	.60	2.50
Crimson Giant.....	.65	2.75
French Breakfast.....	.50	2.25
Chartier.....	.60	2.50
Long Scarlet Short Top.....	.60	2.50
White Icicle.....	.65	2.75
Long White Vienna.....	.50	2.25
China Rose Winter.....	.70	3.00
Round Black Spanish.....	.75	3.25
Long Black Spanish.....	.75	3.25

**PUMPKIN**

	\$0.90	\$4.00
Small Sugar.....	.75	3.25
Large Cheese.....	.60	2.50
Kentucky Field.....	.60	2.50
Large Yellow Field.....	.60	2.50

**SPINACH**

	5 lbs.	25 lbs.
Long Standing.....	\$1.75	\$7.50
Large Thick Leaved Viroflay.....	1.75	7.50
Victoria.....	1.75	7.50
Prickley Winter.....	1.15	5.00

**SQUASH**

	1 lb.	5 lbs.
Yellow Summer Crookneck.....	\$1.15	\$5.00
White Bush Scalloped.....	1.15	5.00
Green Hubbard.....	1.15	5.50
Sibley or Pike's Peak.....	1.25	5.50
Essex Hybrid.....	.70	3.00
Boston Marrow.....	.70	3.00
Golden Hubbard.....	1.15	5.50

**TOMATO**

	\$3.25	\$15.00
John Baer.....	3.25	15.00
Earliana.....	3.00	13.75
Livingston's Beauty.....	2.25	10.25
Dwarf Aristocrat.....	4.50	...
Ponderosa.....	4.00	17.50
Dwarf Champion.....	3.00	13.75
Livingston's Stone.....		

**TURNIP**

	\$1.00	\$4.50
Extra Early White Milan.....	1.00	4.50
Extra Early Purple Top Milan.....	.60	2.50
Purple Top Strap Leaf.....	.60	2.50
Early White Flat Dutch.....	.65	2.75
White Egg.....	.65	2.75
Red Top Mammoth Globe.....	.60	2.50
Amber Globe.....	.60	2.50
Pomeranian White Globe.....	.60	2.50

**RUTABAGA**

Purple Top Yellow Bangholm..	\$0.65	\$2.75
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